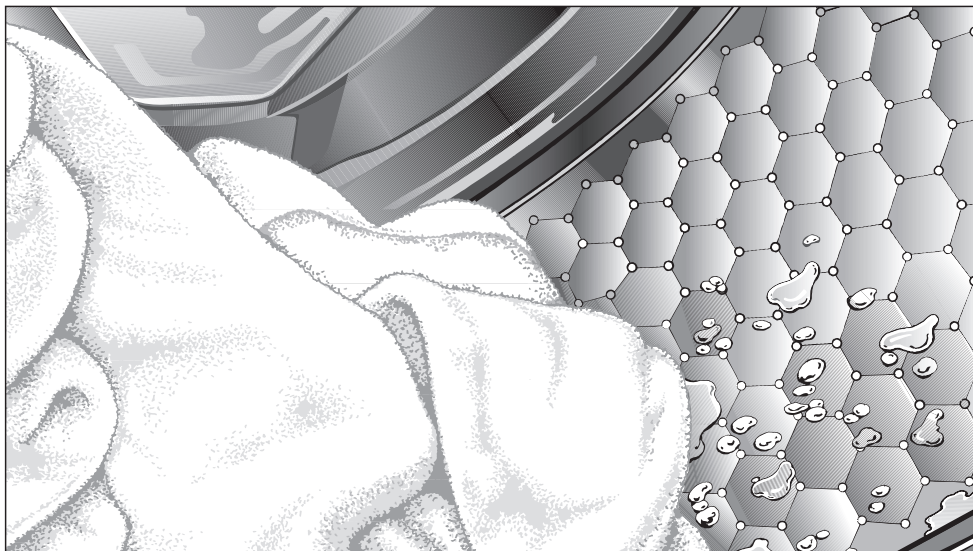


## Operating instructions



## for Washing machine SUPERTRONIC

To avoid the risk of accidents or damage to the machine, it is **essential** to read these instructions before it is installed and used for the first time.

en - AU, NZ

M.-Nr. 09 187 700

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# Caring for the environment

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## Disposal of the packing material

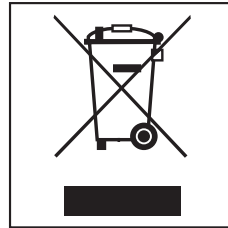
The transport and protective packing has been selected from materials which are environmentally friendly for disposal and can normally be recycled.

Ensure that any plastic wrappings, bags, etc. are disposed of safely and kept out of the reach of babies and young children. Danger of suffocation.

Rather than just throwing these materials away, please ensure they are offered for recycling.

## Disposal of your old appliance or machine

Electrical and electronic appliances / machines often contain materials which, if handled or disposed of incorrectly, could be potentially hazardous to human health and to the environment. They are, however, essential for the correct functioning of your appliance or machine. Therefore, please do not dispose of your old machine or appliance with your household waste.



Please dispose of it at your local community waste collection / recycling centre and ensure that it presents no danger to children while being stored for disposal.

It should be unplugged or disconnected from the mains electricity supply by a competent person.

The plug must be rendered useless and the cable cut off directly behind the appliance to prevent misuse.

# Warning and Safety instructions

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This washing machine conforms to current safety requirements. Inappropriate use can, however, lead to personal injury and damage to property.

To avoid the risk of accidents and damage to the washing machine, please read these instructions carefully before using it for the first time. They contain important information on its installation, safety, use and maintenance.

Keep these instructions in a safe place and ensure that new users are familiar with the content. Pass them on to any future owner.

## Correct application

► The washing machine is designed exclusively for domestic purposes and must only be used to wash garments which have been declared suitable for washing by the manufacturer indicated on the garment care label.

Any other use may be dangerous. The manufacturer cannot be held liable for damage resulting from incorrect or improper use or operation.

► The washing machine is not suitable for outdoor use.

► This washing machine is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning its use by a person responsible for their safety.

► This washing machine must not be installed and operated in mobile installations (e.g. on a ship).

## Safety with children

► Keep children away from the washing machine at all times. It is not a toy! To avoid the risk of injury, do not allow children to play on or near it or to play with its controls. Supervise children whilst you are using it.

► Older children may only use the washing machine if its operation has been clearly explained to them and they are able to use it safely, recognising the dangers of misuse.

► For machines with a 'porthole' door, remember that the porthole glass will be hot when washing at very high temperatures.

Do not let children touch it.

# Warning and Safety instructions

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## Technical safety

► Before setting up the washing machine, check it for any externally visible damage.

Do not install or use a damaged washing machine.

► Before connecting the washing machine, ensure that the connection data on the data plate (voltage and rated load) match the mains electricity supply. If in any doubt, consult a qualified electrician.

► The electrical safety of this washing machine can only be guaranteed when continuity is complete between it and an effective earthing system which complies with current local and national safety regulations. It is most important that this basic safety requirement is present and regularly tested and where there is any doubt, the household wiring system should be inspected by a qualified electrician. The manufacturer cannot be held liable for the consequences of an inadequate earthing system (e.g. electric shock).

► Do not connect the washing machine to the mains electricity supply by an extension lead. Extension leads do not guarantee the required safety of the appliance (e.g. danger of overheating).

► Faulty components must only be replaced by genuine Miele original spare parts. Only when these parts are fitted can the safety standards of the machine be guaranteed.

► Unauthorised repairs could result in unforeseen dangers for the user, for which Miele cannot accept liability. Repairs should only be undertaken by a Miele approved service technician. Ensure current is not supplied to the machine until after maintenance or repair work has been carried out.

► If the connection cable is faulty, it must only be replaced by a Miele approved service technician to protect the user from danger.

► In the event of a fault or for cleaning purposes, the washing machine is only completely isolated from the electricity supply when:

- it is switched off at the wall socket and the plug is withdrawn, or
- it is switched off at the mains, or
- the mains fuse is withdrawn, or the screw-out fuse is removed (in countries where this is applicable).

► The Miele "Water protection system" protects from water damage provided the following conditions have been met:

- the machine is correctly plumbed in and connected to the electricity supply.
- if a fault has been identified, the machine must be examined by a competent person before further use, and repaired if necessary.

► In areas which may be subject to infestation by cockroaches or other vermin, pay particular attention to keeping the machine and its surroundings in a clean condition at all times. Any damage which may be caused by cockroaches or other vermin will not be covered by the machine warranty.



# Warning and Safety instructions

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► Do not make any alterations to the washing machine unless authorised to do so by Miele.

## Correct use

► Do not install your washing machine in rooms where temperatures below freezing may occur. Frozen hoses may burst or split. The reliability of the electronic control unit may be impaired at temperatures below freezing point.

► Before using the washing machine for the first time, check that the transit bars at the rear of the machine have been removed (see section on "Installation"). During spinning, a transit bar which is still in place may result in damage to both the machine and adjacent furniture or appliances.

► Turn off the tap if the machine is to be left for any length of time (e.g. holiday), especially if there is no floor drain (gully) in the immediate vicinity.

► Flooding danger.

If hooking the drain hose into a wash basin, check that the water can drain off quickly enough to prevent the sink from overflowing. Make sure the drain hose is secure, so that the force of the water flowing out of the hose does not dislodge it.

► Take care to ensure that foreign objects (e.g. nails, pins, coins, paper clips) do not find their way into the machine with the laundry. These may damage components of the machine (e.g. suds container, drum), which in turn can result in damage to the laundry.

# Warning and Safety instructions

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► If the correct amount of detergent is dispensed, the machine should not need to be descaled. If, however, you do wish to descale the machine, only use Miele Descaler for washing machines and strictly observe the instructions on the packaging. If in doubt, contact Miele or your Miele Chartered Agent.

► Fabrics that have been treated with solvent-based cleaning agents must be rinsed out in water before washing in the washing machine.

► Never use solvent-based cleaning agents in this machine. Machine components may be damaged and toxic steam may be released. Danger of fire and explosion!

► Never use solvent-based cleaning agents to clean the exterior of this machine. Plastic surfaces may be damaged.

► Dyes need to be suitable for use in your washing machine and can only be used in domestic quantities. Follow the manufacturer's instructions carefully.

► Sulphur compounds in dye removers can cause corrosion. Dye removers must not be used in the washing machine.

► If detergent comes into contact with eyes, rinse out immediately with lukewarm water. If swallowed, see a doctor immediately. Persons with skin wounds or sensitive skin should avoid contact with washing detergent.

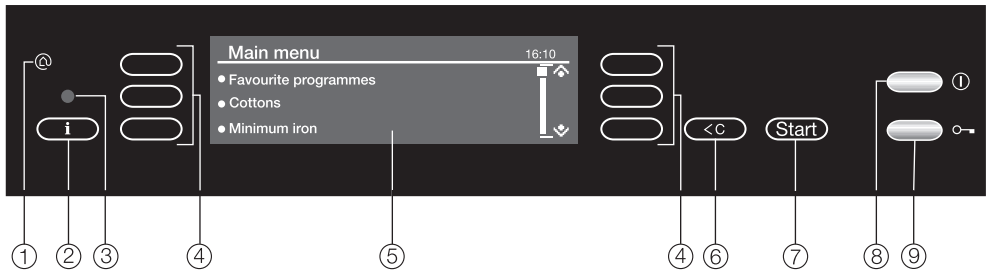
► Be careful when opening the drum door after using the steam function. There is the danger of burning due to escaping steam and the high temperatures on the surface of the drum and door glass. Step back and wait until the steam has dissipated.

## Accessories

► Only use genuine Miele spare parts and accessories with this appliance. If non-Miele parts are used, warranty, performance and product liability claims may be invalidated.

Miele cannot be held liable for damage caused by non-compliance with these Warning and Safety instructions.

## Control panel



### ① Miele@home

The appliance is compatible with the Miele@home system (available in selected countries).

### ② i sensor (Information)

If the sensor is lit up, information is available for the menu displayed.

### ③ PC interface

Used by service technicians to run diagnostic checks on your appliance, or to update programming data in the future.

### ④ Selector sensors

If a selector sensor is illuminated, it is active. See the next page for more information.

### ⑤ Display

For displaying:

- The selected functions.
- The programme sequence.
- Info texts.
- Fault messages.

### ⑥ <C sensor (Clear)

- Returns to the previous menu screen.
- Returns to the main menu if pressed twice.
- Discards previously set values.
- Cancels a programme.

### ⑦ Start sensor

The selected programme is started via the sensor illuminated in green.

### ⑧ ① button

For switching the washing machine on and off.

To save energy, the machine will switch off automatically 15 minutes after programme end/Anti-crease or if no other function is selected after switching on.

### ⑨ ➡ button

For opening the door.

# Operating the washing machine

## Selector sensors

The selector sensors are located on either side of the display. If a selector sensor is active, it will be illuminated. The following functions can be carried out using the selector sensors:

### Selecting an option in the menu

If a menu option can be selected, it will be marked with a dot (•). If the selector sensors on the left are active, the dot (•) will be in front of the word. If the selector sensors on the right are active, the dot (•) will be behind the word.

### Scrolling through the menu display

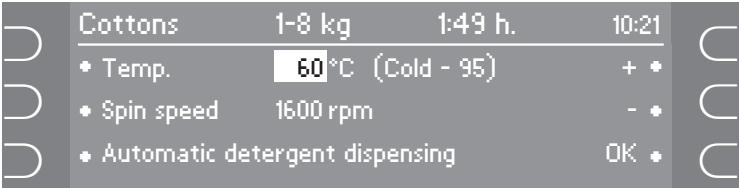
If the menu contains more text (a list) than which is visible in the display, a scroll bar will appear on the right that shows the position of items in the list:



Touch the sensor on the right to move the text in the display upwards or downwards. The list is moved one line at a time with each touch of the sensors.

The last item in the list will be indicated by a dotted line.

### Changing a displayed value



The highlighted value (60) can be increased (+) or decreased (-) by touching the sensor on the right. The changed value then needs to be confirmed with the OK sensor.

# Operating the washing machine


## Favourite programmes

You can save up to 10 programmes under a name of your choosing.

## Washing tips

This will provide you with assistance in searching for the right programme for your washing needs. The drying assistant leads you step by step to the correct choice for your fabrics. You will be able to alter the suggested temperature, Extras and spin speed, leading you finally to the best programme for your laundry.

## Settings menu


The *Settings*  menu is used to alter the washing machine's electronics to suit different requirements. See "Settings menu" for more details.

## i sensor

If additional information is available for an option in the menu, the **i** sensor will light up. Touch the sensor if you would like to read this information.

## Programme sequence display

The current stage of the programme is represented by symbols in the display.

Symbol	Programme sequence
	Pre-wash
	Soak
	Main wash
	Rinse
	Steam
	Rinse hold
	Drain
	Spin
	Anti-crease / Finish



## Programme packages

Programme packages can be purchased for the washing machine.

These will be uploaded into the electronics of your washing machine. See the "Programme packages" booklet enclosed for more information.

# Operating the washing machine

## Layout of the menu structure in the main menu

<b>Favourite programmes</b>	
	– Favourite programmes
	– Create
	– Change
	– Delete
<b>Cottons</b>	
– Minimum iron	
– Steam care	
– ....	– Temp.
– ....	– Spin speed
	– Automatic detergent dispensing*
	– Extras*
	– Stains
	– Start at
	– Finish at
	– Safety lock
	– Load / Detergent
<b>Washing tips</b>	
	– Cottons*
	– Delicates*
	– Cotton + Delicates*
	– Woollens  *
	– Silks  *
	– Microfibre*
	– Linen*
⋮	

\* More sub-menus are available here.

## Settings ▾

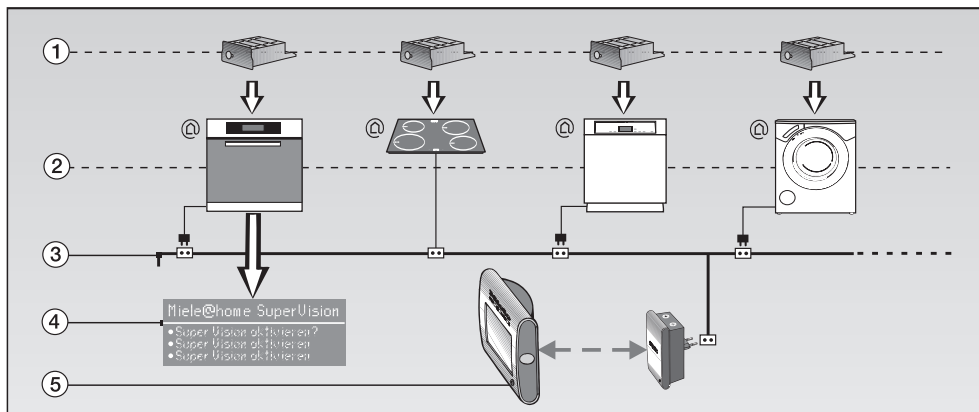
- Language ▾
- Time\*
- Detergent type / amount\*
- Gentle action
- Longer pre-wash for Cottons
- Suds cooling
- Code
- Temperature unit
- Buzzer
- Keypad tone
- Brightness
- Contrast
- Display / Keypad illumination
- Memory
- Anti-crease
- Load sensor zero setting
- Miele@home\*\*
- Remote control\*\*

\* More sub-menus are available here.

\*\* Only appears if the washing machine has been fitted with a communication module.

# Miele@home

Miele@home enabled appliances send information via the household wiring network ③ to the master appliance ④ / ⑤ about the operational status of the appliances, as well as information about the progress of the programme.



This washing machine is communication enabled and can be linked into the Miele@home system via a communication module ① (optional accessory).

## Displaying information

- SuperVision appliance ④  
The status of other signed on appliances can be shown in the display of some communication enabled appliances.
- InfoControl XIC 2100 ⑤  
Information transmitted from the appliances can be displayed accoustically and optically in a mobile master unit in the vicinity of the house.

You can use both of these at the same time.

## Necessary optional accessories

- Communication module XKM 2000
- Mobile master unit InfoControl XIC 2100

Both of these are supplied with their own installation and operating instructions.

## The home of the future

The Miele@home system is capable of expansion. In the future, communication enabled appliances will be able to be operated via a PC or a mobile phone.

## Further information

Please note that the Miele@home and SuperVision system is currently only available in selected countries.



# Before using for the first time

Before using the machine for the first time, ensure that it is correctly installed and connected. See "Installation and connection".

This washing machine has completed a comprehensive functional test. A small quantity of water remains in the drum as a result.

The initial operation consists of six steps. The washing machine guides you automatically through steps **1** to **5**.

## 1. Welcome screen

- Switch the machine on with the ① button.

The "Willkommen" screen will appear for three seconds. The display will then switch to the screen for setting the language.

The welcome screen will appear in the display every time the washing machine is switched on until a programme lasting longer than 1 hour has been completed.

## 2. Setting the language



- Select the language you want the display to appear in.
- Press the sensor on the right to move the text in the display upwards or downwards.
- Confirm the selected language with **OK**.

# Before using for the first time

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## 3. Setting the time of day

Enter the time of day.




- Press **+** and **-** to set the hour.
- Confirm with **OK**. You can now enter the minutes and confirm with **OK**.

## 4. Note on Miele@home

The washing machine is able to communicate by sending programme data via the household wiring system to the Miele@home system.

- Confirm with **OK**.

## 5. Reminder to remove transit bars

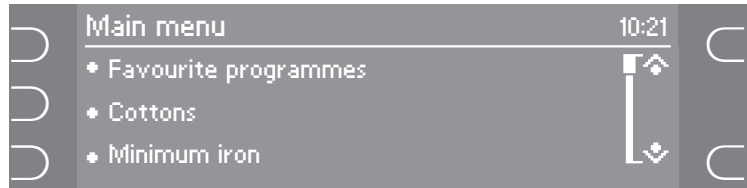
 To avoid the risk of damage, the transit bars must be removed before the machine is used for the first time. See "Installation and connection" for instructions on how to do this.

- Confirm the removal of the transit bars with **OK**.

## 6. Running your first programme

The washing machine has a load sensor which provides assistance with loading and instructions on adding detergent. In order for the load sensor to operate properly, the *Cottons 60°C* programme without laundry or detergent needs to be run.

- Turn on the tap.



- Select *Cottons* and the sub-menu for Cottons will appear.
- Touch the green *Start* sensor.

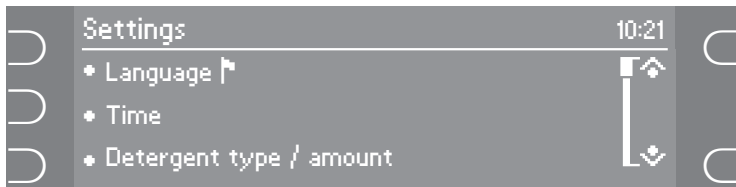
After the wash programme has been run, the set up is concluded.

## Calibrating the load sensor to zero

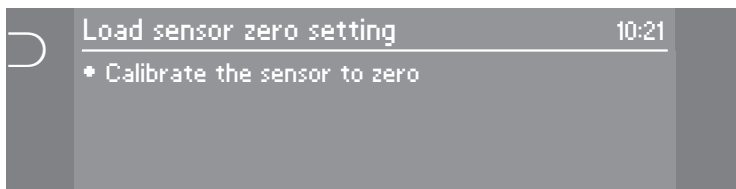
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Before you can use the washing machine, the load sensor has to be calibrated to zero as you would with bathroom scales.

- Open the drum door. The display will revert to the main menu.
- Select the *Settings* menu.



- Move the text in the display up to the *Load sensor zero setting* option.
- Select this option.



- Touch the sensor.

Calibration to the zero setting will be carried out.

Switch off the washing machine.

This washing can be operated in conjunction with the automatic detergent dispensing unit AWD 10.

The dispensing unit and the washing machine work together via *Automatic detergent dispensing*. For a perfect interaction, some settings in the electronics of the machine need to be affected.

## How automatic detergent dispensing works

If automatic detergent dispensing is selected, the washing machine helps to select the correct dispensing container and detergent dosage. The washing machine calculates the required amount of detergent with the help of the entered dosage, the laundry load detected, and the specified level of soiling. The amount of detergent will be dispensed automatically during the washing process.

Depending on the detergent, automatic detergent dispensing cannot be selected in some programmes. For example, if a universal detergent and a colour detergent have been added to the containers, automatic detergent dispensing cannot be activated during the Woollens programme. This prevents woollen fabrics being damaged by the wrong detergent.

Two settings in the electronics need to be considered.

- 1) The **type of detergent** in the containers.

The following types of detergent can be selected:

- Universal
- Colour
- Delicates
- Delicates & Woollens

- 2) The **amount of detergent** for normally soiled laundry.

Do not add special detergents, e.g. proofing agent, outdoor clothing detergent, to the containers. Add these detergents to the detergent dispenser drawer for appropriate programmes.

# Automatic dispensing

## Setting type of detergent

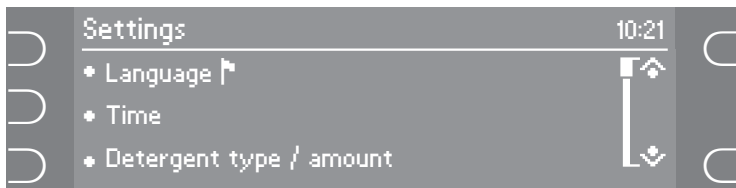
The preset dosage information refers to the degree of hardness I and Miele CareCollection products:  
Powder container ☼ = Miele UltraWhite  
Liquid container ◇ = Miele UltraColor

### To open the Settings menu



- Select *Settings* ➔.

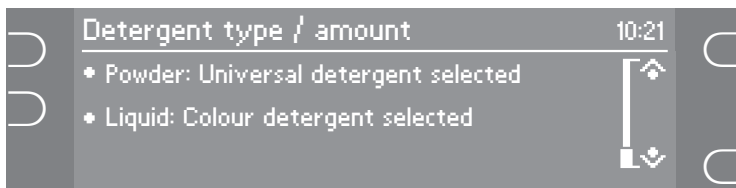
### Selecting settings



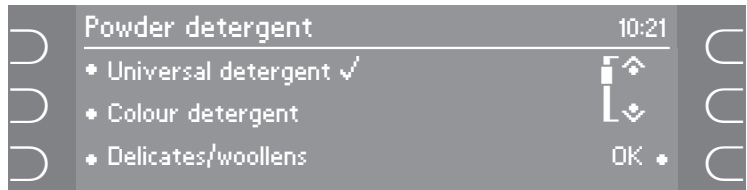
- Select *Detergent type / amount* ➔.

### 1. Detergent type

To ensure automatic dispensing works correctly, it must be determined which detergent is located in the containers.



- Select the container.  
Powder = Powder container ☼  
Liquid = Liquid detergent container ◇



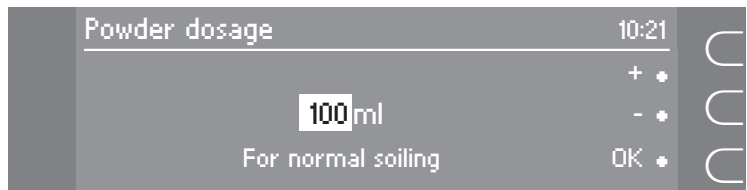
- Select the detergent type located in the container.

The washing machine adjusts automatic dispensing in programmes according to the detergent type.

- Confirm with **OK**.
- Confirm the choice of detergent with **OK**.

You will be transferred to the option for entering the dosage amount.

## 2. Dosage amount



- Enter the dosage amount with the **+** sensor. Follow the dosage information given by the detergent manufacturer for normal soiling.

The preset dosage information refers to Miele CareCollection products (UltraWhite and UltraColor) for water hardness I (0 - 8.4°d).  
The detergent amount needs to be increased accordingly for water hardness II or III, or add water softener to the drum.

By touching and holding the **+** or **-** sensors, the values will automatically go up or down.

- Confirm the detergent amount with **OK**.
- Finally, set the detergent type and dosage amount for the second container.

# Washing environmentally and economically

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## Energy and water consumption

- Water consumption and energy usage are determined by the size of the load.  
To make the most out of your machine, load the maximum dry load for the programme you are using.
- When smaller amounts of laundry are washed, the automatic load recognition system will reduce the amount of water, time and energy used. This may mean that the time left shown in the display is adjusted during the course of the wash programme.
- Use the *Express 20* programme for small loads.
- Modern detergents enable washing at reduced temperatures (e.g. 20°C). Use appropriate temperature settings for saving energy.
- To maintain hygienic conditions in the washing machine, it is recommended that you occasionally run a wash with a temperature of at least 60°C. The **Hygiene Info** message in the display reminds you to do this.
- Using the *Cottons Eco 40°C* programme is recommended for a normally soiled load and is the programme used in energy/water consumption tests in accordance with AS/NZS 2040 (refer to Consumption data).

## Detergent consumption

- Do not exceed the amounts of detergent recommended by the manufacturer on the packaging.
- Adjust the dosage to the degree of soiling of the laundry.
- Use the automatic detergent dispensing unit for the precise dosage.

## Choosing the correct Extra (Short, Soak, Pre-wash)

Select:

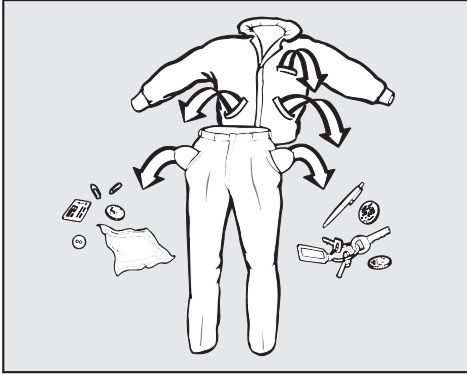
- A wash programme together with the *Short Extra* option for light to normal soiling where there are no obvious marks.
- A wash programme without any Extras for normal to heavy soiling with visible staining.
- A wash programme together with the *Soak Extra* option for heavily soiled laundry.
- The *Pre-wash Extra* option for laundry with large amounts of dirt (e.g. dust, sand).

## When drying with a tumble dryer

Selecting the highest possible spin speed for the wash programme will save energy when drying in a tumble dryer afterwards.



# 1. Preparing the laundry



- Empty all pockets.

⚠ Foreign objects (e.g. nails, coins, paper clips, etc.) can cause damage to garments and components in the machine.

## Sorting the laundry

- Sort the laundry by colour and by care label. Most garments have a textile care label in the collar or side seam.

Dark textiles often contain excess dye and should be washed separately several times before being included in a mixed load. Always wash whites and coloureds separately.

## Removing marks

- Badly soiled areas, stains etc. should be cleaned as soon as possible, preferably whilst still fresh. Spillages should be carefully dabbed off using a soft, colourfast cloth. Do not rub!

Stains (blood, egg, coffee, tea etc.) can often be removed with brief tips, which can be found in Miele's guide to laundry care. You can order this guide directly from Miele or from [www.miele.com.au](http://www.miele.com.au).

⚠ If you use a solvent-based cleaning agent (e.g. one containing benzene) to pre-treat a stain, make sure that any plastic parts (e.g. buttons) are protected, and that the cleaning agent is rinsed off before washing the garment in the machine.

⚠ Do not use solvent-based cleaning agents in or on this machine.

## General tips

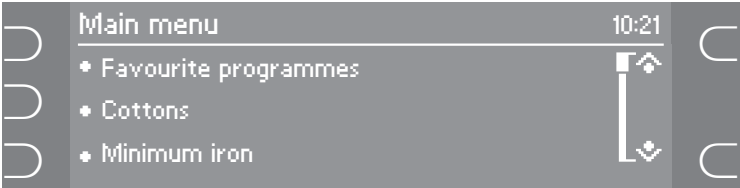
- Curtains: Remove reels and curtain weights or place in a bag.
- Underwiring and collar stiffeners: Any loose wiring in bras, shirt collar stiffeners, etc. should be removed or sewn in.
- Close any zips, fasten hooks and eyes etc. before washing.
- Fasten duvet covers and pillow cases to prevent small items from being rolled up inside them.

Do not wash any items in this machine which are specified by the manufacturer as **not washable** on the care label (❌ symbol).

## 2. Select a programme

Press ① to switch the washing machine on.

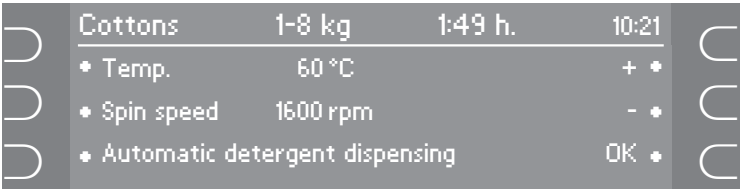
The drum lighting will switch on and the main menu will appear in the display.



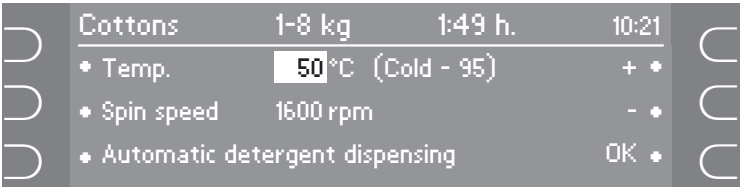
- Select the programme you want.

### Select a temperature / spin speed

Default values are set for the temperature and spin speed of each programme. These default values can be modified to a certain extent, depending on the programme selected.



- Select the relevant option.

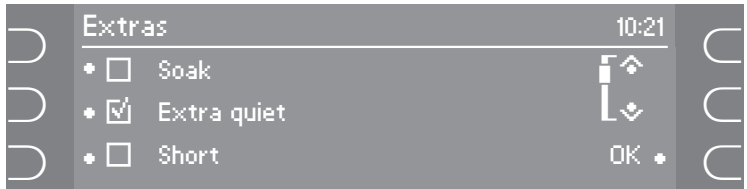


- You can change the default value by pressing + and -. The range of values are shown in brackets.
- Confirm the set value with OK.

## 2. Select a programme

### Selecting Extras

- Select *Extras* in the main menu. See "Extras" for further information.



- Select the Extra you want.

You are able to select several Extras. A tick ☒ will indicate which Extra has been selected.

### Stains

You can select different stain options to achieve the optimum washing result. Extras will be automatically activated with the wash cycle, depending on the stains selected. With some stain options you will receive additional tips on how to pre-treat the stains.

- Select the *Stains* option.



- Select the stains to be removed.

You can select up to three stains per programme.

If "Short" was selected previously, it will be deactivated automatically.

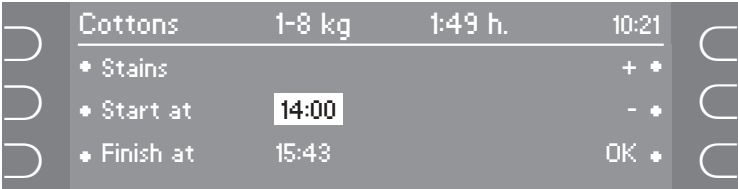
## 2. Select a programme

### Start at/Finish at

You can set the required starting time and the required finishing time.

Times can be set in 15-minute increments. The start or end of a programme can be delayed by up to 24 hours. The time will be adjusted to the next quarter of an hour from the first 15-minute step.

- Select the *Start at* or *Finish at* option in the menu.



- Use + and - to select the required *Start at* or *Finish at* times. Confirm the times you have set with **OK**.

The end of the programme (Finish at) will change if temperature, spin speed, selected Extras and/or Stains are modified after the selection of the programme.

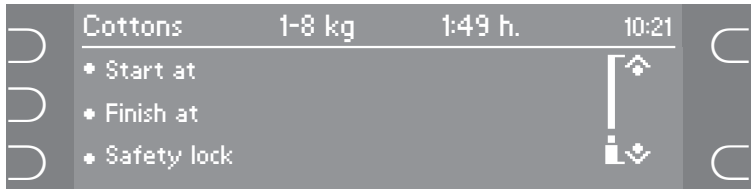
Additionally, the actual load size can only be determined accurately by the machine once the programme has started. The programme end time may, therefore, be a bit later or earlier than first indicated.

## 2. Select a programme

### Safety lock

The safety lock prevents the machine from being opened, or the programme from being altered or cancelled during a wash programme.

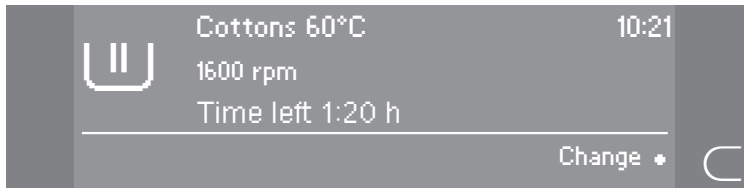
### Activating the safety lock before the start of a programme



- Select the *Safety lock* option.
- To activate it, select the *On* option and confirm with **OK**.

The safety lock is activated at the beginning of the programme. It is deactivated automatically at the end of the programme.

### Activating the safety lock after the start of a programme



- Select the *Change* option. The display will revert to the main menu. You can switch on the safety lock here as previously described.

### To deactivate the safety lock

The procedure is the same as for activating the safety lock.

# 3. Load the laundry

## Load/Detergent

- Press the  button to open the drum door.

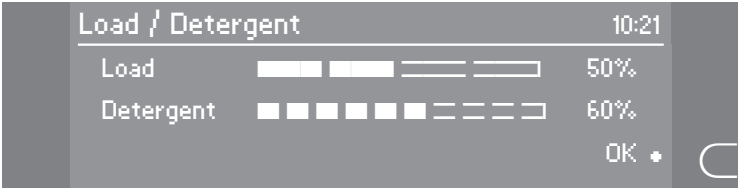
The *Load / Detergent* sub-menu will appear in the display.

The washing machine has a sensor which measures the amount of laundry placed in the drum. The display shows the percentage of the maximum load which has been placed in the drum. The maximum load will depend on the programme selected.  
In addition to the load size percentage, the amount of detergent required is also shown as a % figure.

The load is shown in the display in 25% steps. Loads of less than 25% or an empty drum are shown as <25%. If the amount of laundry exceeds the maximum load, *Drum overloaded* will appear in the display.

- Unfold the laundry and load loosely in the drum. Mixing both large and small items gives better wash results and also helps distribute the load evenly during spinning.

The size of the load will appear in the display.



The most efficient use of energy and water is achieved when a full load is washed. However, do not overload as this causes creases and reduces cleaning efficiency.

Make sure that no garments are caught between the drum door and seal.

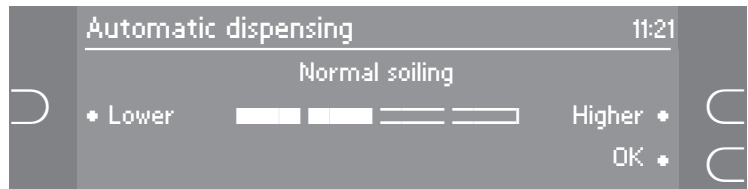
- Shut the door with a gentle swing.

## 4. Adding detergent

### A. Automatic detergent dispensing

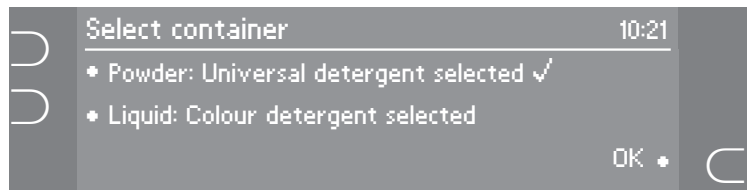
The values set in the electronics refer to the Miele CareCollection products (UltraWhite and UltraColor) for the water hardness range (0 - 8.4°d). If the water hardness range is different or if you are using a different detergent, the values in the electronics will need to be adjusted (see "Automatic dispensing").

- Select the *Automatic detergent dispensing* option.



- Select the level of soiling and confirm with **OK**.

The machine suggests the best detergent container.





Confirm the suggested container with **OK** or select the other container and confirm with **OK**.

## 4. Adding detergent

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### Using stain remover

When automatic detergent dispensing is selected, the compartments  and  in the detergent dispenser drawer are not rinsed out with water.


How to add stain remover:

1. Fill a dispensing aid (detergent ball) with stain remover and place this in the drum.

or

2. Switch off automatic detergent dispensing. Dispense the detergent and the stain remover via the detergent dispenser drawer.

### Using fabric conditioner or liquid starch

Fabric conditioner and liquid starch can be added to the  compartment in the detergent dispenser drawer. These will automatically be dispensed in the last rinse.

### **B. Detergent dispenser drawer**

#### Please note:

Use the information in the display for the correct detergent dispensing.

The percentage shown relates to the amount of detergent recommended by the manufacturer on the packaging.

- |             |  |
|-------------|--|
| <b>50%</b>  | = Add half the amount recommended                    |
| <b>60%</b>  | = Add slightly more than half the amount recommended |
| <b>75%</b>  | = Add three quarters of the amount recommended       |
| <b>100%</b> | = The full amount of detergent recommended           |

You also need to take the level of soiling and water hardness into account.

It is important to dispense the correct amount because too little detergent results in:

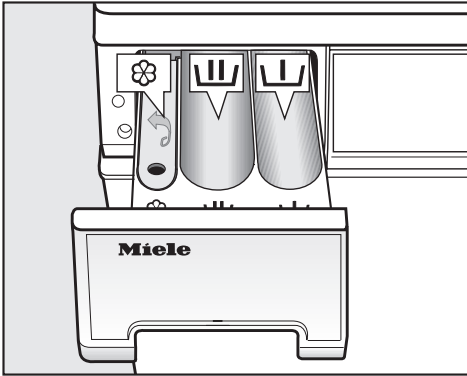
- Laundry not getting properly clean and with time it may become grey and hard to the touch.
- Greasy particles clinging to the laundry.
- Limescale deposits on the heater elements.

Too much detergent results in:

- Excessive foam which causes a low level of agitation and poor wash, rinse and spin results.
- High water consumption (an additional rinse cycle will automatically switch in).
- A burden to the environment.





## 4. Adding detergent



- Pull out the detergent drawer and add detergent to the compartments as follows:



Detergent for the pre-wash  
(divide the total recommended  
amount as follows: add  $\frac{1}{3}$  to  
compartment  and  $\frac{2}{3}$  to  
compartment )



Detergent for the main wash,  
including Soak if selected



Fabric conditioner or liquid starch

- Close the detergent dispenser drawer.

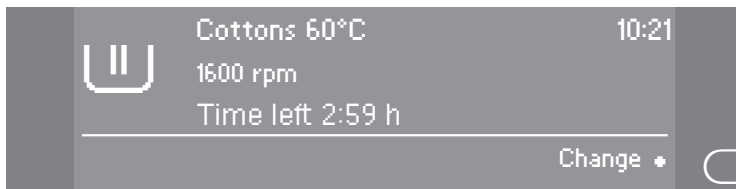
See "Detergent" for further information.

## 5. Starting a programme

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### To start a programme

- Touch the green *Start* sensor.



The estimated time in the display may change within the first six minutes of the programme. The washing machine measures how much water is being absorbed by the laundry. This can extend or shorten the programme duration.

After starting the programme, you can:

### Cancel the programme

- Touch the <C sensor.



- Select *Cancel*.

The suds will be pumped away.

### Interrupting a programme

- Switch the machine off with the ① button.

To continue with the same programme:

- Switch the machine on again with the ① button.

## 5. Starting a programme

---

### Change

#### in the first five minutes


- Temperature
- Selecting and deselecting *Extras Short, Water plus, Extra quiet* and *Extra rinse*

#### up until the final spin

- Spin speed
- Selecting and deselecting *Rinse hold*

Touch the *Change* sensor and alter the required setting.

### Adding or removing laundry after a programme has started

- Press the  button to open the drum door.
- Add or remove items.
- Close the drum door.

The programme will continue automatically.

#### Please note:


Once a programme has started, the machine cannot recognise any adjustment to the load.

For this reason, if laundry is added or removed after the start of a programme, the machine will always complete the programme cycle assuming a full load.

This can increase the programme running time shown in the display.

#### **The door cannot be opened if:**

- the suds temperature is above **55°C**.
- the water is above a certain level.
- the programme has reached the *Spin* stage.

If you press the  button when the above conditions are present, the following will appear in the display:

 **Door locked**

## 6. At the end of a programme


After the programme has finished, the following will appear alternately in the display:


**Anti-crease**

and

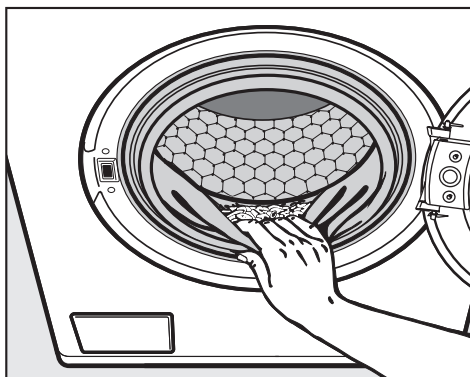
**Programme finished. Unload the drum before switching off**

⚠ After using the steam function, there is a **danger of burning** due to escaping steam and the high temperatures on the surface of the drum and door glass. Step back and wait until the steam has dissipated.

- Press the  button to open the drum door.
- Remove the laundry.

The machine will switch off automatically 15 minutes after the end of the Anti-crease phase. Push the  button to switch the machine back on.


Check that all items have been removed from the drum. Items left in the drum could shrink or discolour other items in the next wash, or become discoloured themselves.



- Check the folds in the door seal for any small articles, e.g. buttons, which might be lodged there.

### **Important!**

**Always** remove the laundry before switching the machine off. This is important to ensure that the load size indicator works correctly.

- Switch the machine off with the  button.
- To avoid the build-up of mildew, it is recommended that the door is left ajar when the machine is not in use.

## Steam smoothing

Laundry is smoothed with steam at the end of the programme to reduce creasing. The maximum load capacity is 2.0 kg. Small loads improve the final result.

## Soak

For heavily soiled and stained items with protein stains (e.g. blood, fats and oils, cocoa).

A length of time of between 30 minutes and 6 hours can be chosen in 30 minute increments for the soak process.

## Extra quiet

You can reduce the noise level of the washing machine if you want to wash during rest periods, e.g. at night.

When selecting *Extra quiet*, the machine won't spin and *Rinse hold* is activated. The programme duration is longer.

## To deactivate Rinse hold

- Enter the *Extras* sub-menu and deactivate *Rinse hold*.

The following will appear in the display:

Tip: Select "Start at" or "Finish at" so that the final spin will take place when it will not disturb you.

## Short

For light to normal soiling with no visible staining.

The duration of the main wash is reduced.

## Rinse hold

The laundry will not be spun and will remain suspended in the final rinse water. This reduces creasing if the laundry is not going to be removed from the drum immediately after the end of the programme. See "Spin" for more information.

## Pre-wash

For laundry with large amounts of dirt e.g. dust, sand.

## Water plus



The water level in the main wash and the rinses will be increased if the Water plus option is selected.

## Extra rinse

An additional rinse cycle is carried out to achieve a better rinse result.

# Extras

## Selectable Extras:

	Steam smoothing	Soak	Extra quiet	Short	Rinse hold	Pre-wash	Water plus	Extra rinse
Cottons		*	*	*	*	*	*	*
Minimum iron	*	*	*	*	*	*	*	*
Delicates	*	*	*	*	*	*		
Automatic plus			*		*			
Dark garments	*	*	*	*	*	*		
Shirts	*	*	*	*	*	*	*	*
Denim	*	*	*	*	*	*		
Express 20			*	* <sup>1)</sup>	*		*	*
Woollens 			*		*			
Silks 			*	*	*		*	*
Sportswear		*	*	*	*	*	*	*
Trainers					*	* <sup>2)</sup>		
Outerwear		*	*	*	*	*	*	*
Hygiene	*	*	*		*	*	*	*
First wash	*		*		*		*	*
Proofing			*		*			
Curtains	*		*		*	* <sup>2)</sup>	*	*
Pillows			*		*		*	*
Soft toys			*		*			
Starch			*		*			
Separate rinse			*		*			

<sup>1)</sup> Extras that are preset by the programme can be deselected

<sup>2)</sup> Extras that are preset by the programme cannot be deselected

You can save up to 10 programmes with selected settings under a name of your choosing. The name can consist of a maximum of 12 characters.

Favourite programmes, once saved, are listed alphabetically.

## Saving Favourite programmes

There are two possibilities for saving programmes as Favourite programmes.

1. Open the *Favourite programmes* menu and select *Create new*. Then you can start a programme as usual.
2. If you have changed the temperature, spin speed and/or selected an Extra during programme selection, subsequently select *Save as*.

### To enter names for Favourite programmes



- Select the first character and confirm this with *Select character*.

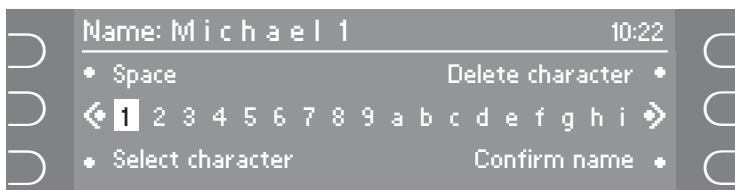
You will find further characters by scrolling through with the left ◀ and right ▶ arrows.

After entering the first upper case letter, the display will change automatically to lower case letters. After entering a space, the display changes again back to upper case letters.

# Favourite programmes

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## To save names for Favourite programmes



- Select *Confirm name*.

## To select a Favourite programme

- Open the *Favourite programmes* menu. The saved programmes are listed alphabetically.
- Select the Favourite programme you want.
- Touch the green *Start* sensor. The programme will be started.

You can alter the parameters (temperature, spin speed, Extras ...).

## To change a Favourite programme

- Select the *Change* option.
- Select the Favourite programme that you want to change.
- Change the required parameters and save these with *Confirm name*.

The modified parameters will be active when the Favourite programme is started again.



## To delete a Favourite programme

- Select the *Delete* option.
- Select the Favourite programme that you want to delete.
- Confirm the deletion.

If 10 Favourite programmes are saved, you will need to delete one of them before being able to save a new programme.



## Final spin speed

Programme	rpm
Cottons	1600
Minimum iron	1200
Steam care	–
Freshen up	–
Delicates	600
Automatic plus	1200
Dark garments	1200
Shirts	600
Denim	900
Express 20	1600
Woollens 	1200
Silks 	600
Sportswear	1200
Trainers	1000
Outerwear	800
Hygiene	1600
First wash	1200
Proofing	1000
Curtains	600
Pillows	1200
Soft toys	900
Starch	1600
Separate rinse	1600
Drain	–
Spin	1600

You can reduce the final spin speed. However, you cannot select a final spin speed higher than that shown in the chart above.

## Rinse and interim spin

There is a spin after the main wash and between the rinses. A reduction in the final spin speed will also reduce the interim spin speed. For the programme *Cottons* with a spin speed of less than 700 rpm, an additional rinse is introduced.



### To omit the final spin (Rinse hold)

- Select *Rinse hold* in the list of Extras.

- To start the final spin:

Pressing the *Start* sensor starts the final spin.

- To end the programme:

Press the  button. The water will drain away. Press the  button again to open the door.

### To omit rinse and interim spin and the final spin

- Set spin speed to **0**.


The water will drain away and the machine will go straight into the Anti-crease stage. An additional rinse is introduced for some programmes in this setting.

# Programme overview



The "Additional programme packages" booklet will give you an overview of programme packages that can be uploaded to your washing machine.

Cottons		Cold to 95°C	Max. load 8.0 kg
Item	Cottons, linens or cotton mix fabrics, e.g. table linen, towelling, underwear, T-shirts etc.		
<b>Note for test institutes:</b> Short programme: 4.0 kg load and <i>Short Extra</i>			
Minimum iron		Cold to 60°C	Max. load 3.5 kg
Item	Synthetics, mixed fibres and easy care cottons.		
Note	Reduce the spin speed for fabrics which crease easily.		
Steam care			Max. load 2.0 kg
Item	Damp, freshly washed and spun clothing in which creasing should be reduced.		
Notes	<ul style="list-style-type: none"><li>– 5-6 shirts correspond to a load of approx. 2.0 kg.</li><li>– Small loads improve the final result.</li><li>– Remove laundry immediately after the programme has finished and dry in a tumble dryer using Smoothing or Gentle smoothing, or hang out to dry.</li></ul>		
Freshen up			Max. load 1.0 kg
Item	Dry, unsoiled clothing that is lightly creased.		
Notes	<ul style="list-style-type: none"><li>– Small loads improve the final result.</li><li>– Remove laundry immediately after the programme has finished and dry in a tumble dryer using Smoothing or Gentle smoothing, or hang out to dry.</li></ul>		

## Programme overview

<b>Delicates</b>		<b>Cold to 60°C</b>	<b>Max. load 2.5 kg</b>
Item	For delicate garments made of synthetic fibres, mixed fibres, rayon and easy care cottons. Also suitable for machine-washable silks.		
Note	For items which crease easily, deselect the spin.		
<b>Automatic plus</b>		<b>Cold to 40°C</b>	<b>Max. load 5.0 kg</b>
Item	Mixed loads of garments suitable for the <i>Cottons</i> and <i>Minimum iron</i> programmes. Sort according to colour.		
Note	The wash parameters (e.g. water level, wash rhythm and spin speed) are adjusted automatically in this programme to ensure the best possible care and wash result for each item.		
<b>Dark garments</b>		<b>Cold to 40°C</b>	<b>Max. load 3.0 kg</b>
Item	Dark garments made from cotton or mixed fibres.		
Note	Wash inside out.		
<b>Shirts</b>		<b>Cold to 60°C</b>	<b>Max. load 2.0 kg</b>
Notes	<ul style="list-style-type: none"> <li>– Pre-treat collars and cuffs if necessary.</li> <li>– Wash silk garments in the <i>Silks</i>  programme.</li> </ul>		
<b>Denim</b>		<b>Cold to 60°C</b>	<b>Max. load 3.0 kg</b>
Notes	<ul style="list-style-type: none"> <li>– Wash denim inside out.</li> <li>– Denim often contains excess dye and will run during the first few washes. Wash light and dark coloured items separately.</li> </ul>		
<b>Express 20</b>		<b>Cold to 40°C</b>	<b>Max. load 3.5 kg</b>
Item	Cotton items that are only lightly soiled.		
Note	The Extra option <i>Short</i> is automatically activated.		

## Programme overview

Woollens 		Cold to 40°C	Max. load 2.0 kg
Item	Machine-washable or hand-washable wool or wool blend fabrics. If the care label does not specify a temperature, wash using the cold setting.		
Note	Reduce the spin speed for fabrics which crease easily.		
Silks 		Cold to 30°C	Max. load 1.0 kg
Item	Silks and other hand-washable fabrics with no wool content, e.g. satin, lace and silk.		
Note	Place tights, bras etc. in a washing bag.		
Sportswear		Cold to 60°C	Max. load 3.0 kg
Item	Lightly soiled sports garments which require washing or freshening up.		
Notes	<ul style="list-style-type: none"> <li>– Do not use fabric conditioner.</li> <li>– Please follow the manufacturer's care instructions.</li> </ul>		
Trainers		Cold to 40°C	Max. 2 pairs of shoes
Item	Only sport shoes (no leather shoes)		
Notes	<ul style="list-style-type: none"> <li>– Please follow the manufacturer's care instructions.</li> <li>– Remove any coarse soiling with a brush first.</li> <li>– Close any velcro strips.</li> <li>– Do not use fabric conditioner.</li> <li>– Use a drying basket when drying with a tumble dryer.</li> <li>– A pre-rinse is carried out automatically <b>without</b> detergent to remove dust.</li> </ul>		
Outerwear		Cold to 40°C	Max. load 2.5 kg
Item	Outerwear with membranes like Gore-Tex®, SYMPATEX®, WINDSTOPPER® etc.		
Notes	<ul style="list-style-type: none"> <li>– Zip up jackets before washing.</li> <li>– Do not use fabric conditioner.</li> <li>– You can proof outerwear items in the <i>Proofing</i> programme. However, we do not recommend proofing items after every wash.</li> </ul>		

## Programme overview

<b>Hygiene</b>		<b>30°C to 95°C</b>	<b>Max. load 7.0 kg</b>
Item	Fabrics which will be in direct contact with the skin, e.g. underwear, nappies, towelling, bed linen, pillow and mattress covers.		
Notes	<ul style="list-style-type: none"> <li>– Select a temperature of 60°C or higher for optimum hygiene.</li> <li>– Please observe the instructions on the wash care label.</li> </ul>		
<b>First wash</b>		<b>Cold to 40°C</b>	<b>Max. load 3.0 kg</b>
Item	New items made of cotton, towelling and polyester fabrics.		
Note	Use this programme to wash any chemical residues out of new items.		
<b>Proofing</b>		<b>40°C</b>	<b>Max. load 2.5 kg</b>
Item	For treating microfibre fabrics, skiwear, fine, closeweave cotton garments (poplin) or tablecloths to provide a water and dirt resistant finish.		
Notes	<ul style="list-style-type: none"> <li>– The items should be freshly washed and spun or dried before proofing.</li> <li>– For best results, the items should be heat-treated afterwards, either in a tumble dryer or by ironing.</li> </ul>		
<b>Curtains</b>		<b>Cold to 40°C</b>	<b>Max. load 2.0 kg</b>
Item	Curtains, including net curtains, specified as machine-washable by the manufacturer.		
Notes	<ul style="list-style-type: none"> <li>– A pre-rinse is carried out automatically <b>without</b> detergent to remove dust.</li> <li>– For curtains which crease easily, reduce the spin speed or deselect the spin.</li> <li>– Remove any curtain rings.</li> </ul>		

## Programme overview

Pillows		Cold to 95°C	2 pillows (40 x 80 cm) or 1 pillow (80 x 80 cm)
Item	Washable pillows with feather, down or synthetic fillings.		
Note	Please observe the instructions on the wash care label.		
Soft toys		Cold to 40°C	Max. load 1.0 kg
Item	Soft toys, specified as machine-washable by the manufacturer.		
Note	Do not wash soft toys with a straw filling.		
Starch			Max. load 7.0 kg
Item	Table cloths, napkins and overalls that require starching.		
Notes	<ul style="list-style-type: none"><li>– Reduce the spin speed for items which crease easily.</li><li>– The laundry should be washed but not treated with fabric conditioner.</li></ul>		
Separate rinse			Max. load 7.0 kg
Item	For rinsing hand-washed items.		
Note	Reduce the spin speed for fabrics which crease easily.		
Drain			
For draining water from the machine.			
Spin			
Note	Make sure you select the appropriate spin speed.		

# Garment care label symbols

## Washing

The figure quoted in the bucket is the maximum temperature the garment can be washed at. The number of bars under the symbol indicates the level of agitation permitted.



No bar under the symbol: = normal agitation



One bar under the symbol: = reduced agitation



Two bars under the symbol: = much reduced agitation



Hand wash (if no temperature is specified, use the lowest temperature or cold)



Do not wash

## Drying

The number of dots indicates the drying temperature



Normal temperature



Low temperature



Do not tumble dry

## Ironing

The number of dots indicates the ironing temperature



Hot iron (max. sole plate temp. approx. 200°C)



Medium hot iron (max. sole plate temp. approx. 150°C)



Cool iron (max. sole plate temp. approx. 110°C). Do not steam iron garments carrying this symbol.



Do not iron

## Examples for programme selection

Programme	Care label
Cottons	
Minimum iron	
Delicates	
Woollens	
Silks	
Express 20	
Automatic	

## Professional cleaning



Dry clean only. The letters indicate the type of cleaning agent required.



Professional Wet Clean only



Do not dry clean

## Bleaching



Any oxidising bleaching agent can be used



Only use an oxygen based bleach or a non-chlorine bleach



Do not bleach

# Programme sequence

	Main wash		Rinses		Spinning	
	Water level	Wash rhythm	Water level	Rinses	Interim spin	Final spin
Cottons		Ⓐ		2-3 <sup>2)</sup>	✓	✓
Minimum iron		Ⓒ		2-3 <sup>3)</sup>	✓	✓
Delicates		Ⓓ		3	–	✓
Automatic plus		Ⓐ Ⓑ Ⓒ		2-3 <sup>3)</sup>	✓	✓
Dark garments		Ⓑ		3-4 <sup>3)</sup>	✓	✓
Shirts		Ⓒ		2	–	✓
Denim		Ⓒ		3	–	✓
Express 20		Ⓑ		1-3 <sup>3)</sup>	✓	✓
Woollens 		Ⓕ		2	✓	✓
Silks 		Ⓕ		2	–	✓
Sportswear		Ⓒ		2-3 <sup>3)</sup>	✓	✓
Trainers <sup>6)</sup>		Ⓔ		2	–	✓
Outerwear		Ⓓ		3	✓ <sup>4)</sup>	✓
Hygiene		Ⓑ		3-4 <sup>1)</sup>	✓	✓
First wash		Ⓑ		2-3 <sup>3)</sup>	✓	✓
Proofing		Ⓓ	–	–	–	✓
Curtains <sup>6)</sup>		Ⓓ		3	–	✓
Pillows		Ⓓ		3	–	✓
Soft toys		Ⓒ		3	✓	✓
Starch		Ⓒ	–	–	–	✓
Separate rinse	–	–		2	–	✓

See the next page for legend.



 = Low water level

 = Medium water level

 = High water level

Ⓐ = Intensive rhythm

Ⓑ = Normal rhythm

Ⓒ = Gentle rhythm

Ⓓ = Sensitive rhythm

Ⓔ = Ultra sensitive rhythm

Ⓕ = Hand wash rhythm

This machine has fully electronic controls with automatic load recognition. It takes in the right amount of water required for the programme depending on the amount of laundry and its absorbency rate. This means that programme cycles and durations can vary.

The programme sequences outlined in the chart are based on the basic programme with a full load. Extra options which can be selected have not been taken into account.


The programme sequence display shows the stage the programme has reached.

## Special features in the programme sequences:

### Anti-crease:



The drum will continue to rotate for up to 30 minutes after the programme end to avoid creasing. Exceptions: There is no crease protection in the *Woolens* programme.


The washing machine door can be opened at any time.

- 1) Two rinses are carried out if a temperature selected is between 60°C to 95°C. Three rinses are carried out if the temperature selected is below 60°C.
- 2) A third or fourth rinse is carried out if:
  - there is too much foam in the drum
  - a spin speed lower than 700 rpm has been selected
  - No Ⓞ has been selected
- 3) A third rinse is carried out if:
  - No Ⓞ has been selected
- 4) Laundry is only spun after the main wash.
- 5) Run-up to spin: A run-up to spin is carried out before the wash process begins to deflate pillows. Subsequent water intake for the main wash is through compartment .
- 6) Pre-rinse: A pre-rinse is carried out automatically without detergent to remove dust.

# Detergent

## The correct detergent

	Detergent for universal fabrics*	Detergent for coloured fabrics*	Detergent for delicates	Special detergent *	Proofing agent**	Fabric softener
Cottons	X	X	–	–	–	X
Minimum iron	X	X	–	–	–	X
Delicates	X	X	X	–	–	X
Automatic plus	X	X	–	–	–	X
Dark garments <sup>1)</sup>	X	X	X	–	–	X
Shirts	X	X	–	–	–	X
Denim <sup>1)</sup>	X	X	X	–	–	X
Express 20 <sup>1)</sup>	X	X	–	–	–	X
Woollens 	–	–	–	X	–	X
Silks 	–	–	–	X	–	X
Sportswear <sup>1)</sup>	X	X	–	X	–	–
Trainers <sup>1)</sup>	–	X	–	–	–	–
Outerwear	–	–	X	X	–	–
Hygiene <sup>2)</sup>	X	–	–	–	–	X
First wash	X	X	–	–	–	X
Proofing	–	–	–	–	X	–
Curtains <sup>2)</sup>	X	X	–	X	–	–
Pillows <sup>1)</sup>	X	X	X	X	–	–
Soft toys <sup>1)</sup>	–	X	X	–	–	X
Starch	–	–	–	X	–	–
Separate rinse	–	–	–	–	–	X

- 1) Use liquid detergent
- 2) Use powder detergent
- \* Miele special detergents:  
Washing detergents which were specifically designed for certain programmes or items (e.g. Miele CareCollection).
- \*\* Only use proofing agents which are stated by the manufacturer as being "suitable for use on membrane textiles" as these consist of fluorochemical compounds. **Do not** use proofing agents which contain paraffin. Fill the detergent drawer  with proofing agent.

All modern detergents produced for automatic **front loading** washing machines are suitable. Use dispensing aids, e.g. balls, if these are supplied with the detergent. Tablets are suitable for full loads, but note that it may be impractical to reduce tablets for smaller loads. Some tablets do not dissolve as rapidly as others, and may not be suitable for programmes with short durations.

Do not use biological detergents on silk as the enzymes may damage the silk! Instructions for use and recommended dosage amounts are given on the detergent packaging.

For programmes without Pre-wash or Delay start, liquid detergent can either be dispensed placing a ball-shaped container (commonly provided by the detergent manufacturer) straight onto the laundry load or alternatively dispensed through the detergent dispenser drawer. For programmes with Pre-wash or Delay start (where applicable), an additional liquid detergent dispenser insert (Material number 6134691) is available from Miele.

# Detergent

All modern detergents produced for automatic front loading washing machines are suitable. Refer to the manufacturer's label on the packaging to get information on the use and the dosage.

**The right amount to dispense will depend on the following:**

- The soiling level of the laundry
  - Lightly soiled  
No visible dirt or stains. Possibly slight body odour.
  - Normally soiled  
Visibly dirty and/or just a few slight stains.
  - Heavily soiled  
Stains and soiling clearly visible.
- The quantity of the laundry
- The water hardness  
Check with your local water supplier if you do not know the water hardness level in your area.

Water hardness levels

Hardness range	Hardness in mmol/l	German water hardness in °d
Soft (I)	0 - 1.5	0 - 8.4
Medium (II)	1.5 - 2.5	8.4 - 14
Hard (III)	over 2.5	over 14

**Detergent dispensing balls**


Use a detergent dispensing ball when washing with liquid detergent.

**Water softeners**

A water softener can be used to cut down on the use of detergents in hard water areas. Dispense according to the amount specified on the packaging. First add detergent and then the water softener.

Use a quantity of detergent as for soft water.

**Washing with several components**

If you wash using several components (e.g. special application detergents), dispense them into compartment  in the following order:

1. Detergent
2. Water softener
3. Stain remover

This way the agents are distributed more efficiently.

## Fabric conditioners and liquid starch

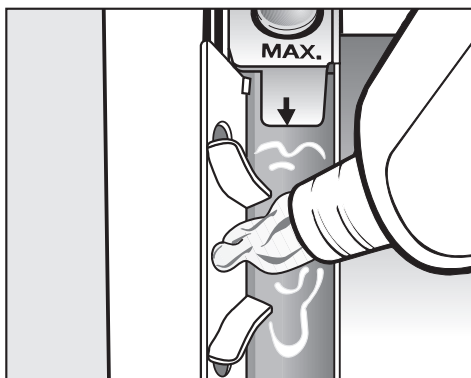
### Fabric conditioners

make garments soft to handle and help prevent static cling when tumble drying.

### Liquid starch

stiffens and gives body to items of laundry, e.g. shirts, tablecloths and bed linen.

## Automatic dispensing of fabric conditioner or liquid starch to laundry at the end of a programme



- Add the fabric conditioner or the liquid starch to compartment ☼. **Do not exceed the maximum level mark.**

It will be automatically dispensed in the last rinse. At the end of the programme a small amount of water remains in the fabric conditioner compartment ☼.

If starching frequently, thoroughly clean the dispenser compartment, especially the siphon tube and fabric conditioner channel, regularly. See "Cleaning the detergent dispenser drawer". Do not use powder starch formulations or viscous liquid starch in the compartment as it will clog up.

## Adding fabric conditioner or liquid starch separately

- Dispense in accordance with manufacturer's instructions on the packaging.
- Add powder or viscous starch to compartment ▮. Add the fabric conditioner or liquid starch to compartment ☼.
- Select the *Starch* programme.
- Select a spin speed or the *Rinse hold Extra*.
- Press the *Start* sensor.

## Colour run and dye removers/ Dyes

- Do not use colour run or dye removers in this machine.
- Dyes suitable for use in domestic washing machines can be used. However, please note that the salt used in the dyeing process can cause corrosion to stainless steel components in the machine if you dye frequently. Follow the manufacturer's instructions carefully.

# Cleaning and care

## Cleaning the drum (Hygiene Info)

If you only wash at low temperatures or with liquid detergent over a long period of time, organic deposits and unpleasant odours can form in the machine. To clean the drum and prevent the formation of unpleasant odours, the *Cottons 75°C* programme should be run with a universal detergent at least once a month or when the message **Hygiene Info** appears in the display.

## Cleaning the external casing and fascia panel

⚠ Disconnect the machine from the mains electricity supply and withdraw the plug from the socket before cleaning the machine.

⚠ The washing machine must not be hosed down.

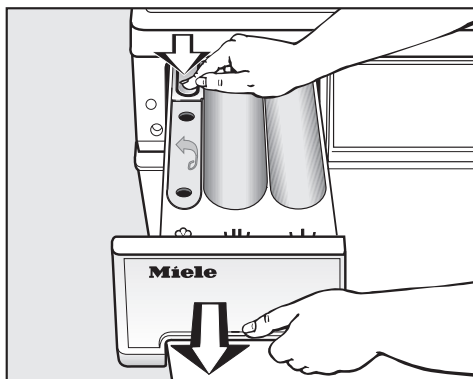
- Clean the casing with a mild non-abrasive cleaning agent or soap and water. Wipe dry with a soft cloth.
- The drum can be cleaned using a suitable proprietary stainless steel cleaning agent following the manufacturer's instructions on the packaging.

⚠ Do not use solvents, abrasive cleaners, glass cleaners or all-purpose cleaning agents. These might damage plastic surfaces and other components because of the chemicals they contain.

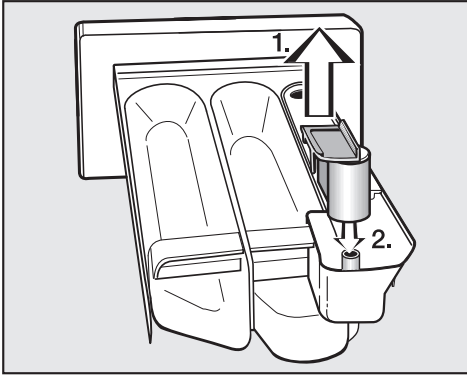
## Cleaning the detergent dispenser drawer

The two main detergent compartments of the dispenser drawer are self-cleaning.


The entire drawer should be removed and cleaned regularly for hygienic reasons.



- Pull out the detergent dispenser drawer until a resistance is felt. Press down the release catch and at the same time pull the drawer right out of the machine.
- Clean the detergent drawer with warm water.

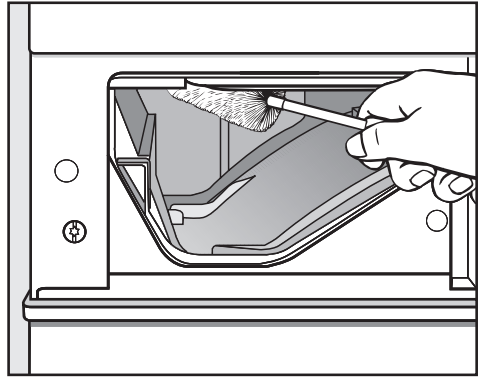


■ Clean the siphon.

1. Remove the siphon from compartment  and rinse under warm running water. Clean the siphon tube in the same way.
2. Replace the siphon.

If starching frequently, thoroughly clean the siphon and siphon tube regularly. A build-up of starch will cause them to become clogged.

### Cleaning the detergent dispenser drawer housing



- Use a bottle brush to remove detergent residues and limescale from the jets inside the detergent dispenser drawer housing.

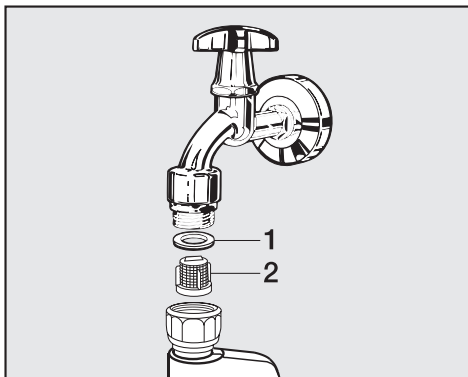
## Cleaning and care

### Cleaning the filter in the water inlet

The washing machine has a filter to protect the water inlet valve.

The accessible filter in the union in the open end of the inlet hose should be checked every six months, or more often if there are frequent interruptions to the external water supply.

- First turn off the tap.
- Unscrew the threaded union connecting the free end of the inlet hose to the tap.



- Remove the rubber seal **1** from the recess.
- Using pointed pliers, take hold of the plastic filter bar **2** and remove.
- Clean the plastic filter.
- Put the filter and seal back in the reverse order and reconnect the hose.

Turn on the tap and check the connection is watertight. If water drips out, tighten the connection.


**Never** forget to put the filter back in place after cleaning.



## What to do if . . .

With the aid of the following guide, minor problems can be easily corrected without contacting Miele. This will save time and money as a call-out charge will apply to customer service visits where the problem could have been rectified as described in these Operating instructions.

With the help of the following notes, minor faults in the performance of the appliance, some of which may result from incorrect operation, can be put right without a call-out being necessary. Please note:





 Repair work to electrical appliances must only be carried out by a suitably qualified and competent person in strict accordance with current local and national safety regulations. Repairs and other work by unqualified persons could be dangerous. The manufacturer cannot be held liable for unauthorised work.

### The programme does not start

Problem	Possible cause	Remedy
<b>The display remains dark.</b>	There is no power to the machine.	Check whether <ul style="list-style-type: none"><li>– the mains plug is plugged in and switched on.</li><li>– the fuse or circuit breaker has tripped.</li></ul>
<b>You are asked to enter a code.</b>	Access via a code has been activated.	Enter the code and confirm the entry. Deactivate the code if you do not wish this message to appear in the display the next time the machine is switched on.
<b>The display and the sensors remain dark and the <i>Start</i> sensor is flashing.</b>	The display and sensor lighting has switched off automatically to save energy.	Press the <i>Start</i> sensor briefly. The lighting will come back on again.

## Problem solving guide

**The following fault message appears in the display and the programme has been cancelled.**

Fault message		Possible cause	Remedy <sup>1)</sup>
	Water inlet fault	The water inlet is blocked or restricted.	Check whether <ul style="list-style-type: none"> <li>– the tap has been turned on properly.</li> <li>– the inlet hose is kinked.</li> <li>– the water pressure is too low.</li> </ul>
	Drain fault	<ul style="list-style-type: none"> <li>– The water outlet is blocked or restricted.</li> <li>– The drain hose has been fixed too high.</li> </ul>	<ul style="list-style-type: none"> <li>– Clean the drain filter and drain pump.</li> <li>– The maximum drain height is 1m.</li> </ul>
	Waterproof system has reacted	The water protection system has reacted.	<ul style="list-style-type: none"> <li>– Turn off the tap.</li> <li>– Call Miele.</li> </ul>
	Technical fault F xxx	There is a fault.	Start the programme again. If the fault message appears again, contact Miele.

<sup>1)</sup> To switch off the fault message: Switch the machine off with the  button.

### The following fault message appears in the display at the end of a programme

Fault message	Possible cause	Remedy
Fault F 139 / dispenser	The automatic detergent dispensing unit is faulty.	<ul style="list-style-type: none"> <li>– Call Miele.</li> <li>– Withdraw the dispenser unit's plug from the washing machine.</li> <li>– The machine can continue to be operated <u>without</u> the detergent dispensing unit.</li> </ul>
Fault F 140 / dispenser		
Check detergent	Excessive foam has built up during washing.	Check: <ul style="list-style-type: none"> <li>– the amount of detergent used.</li> <li>– the basic dosage quantity when using automatic detergent dispensing.</li> <li>– Adjust the dosage according to the manufacturer's instructions on the packaging and the degree of soiling of the laundry.</li> </ul>
Hygiene information	A programme of at least 60°C has not been run for a long period of time.	Run the <i>Cottons 75°C</i> programme with a universal detergent to prevent the formation of organic deposits and unpleasant odours in the machine.

# Problem solving guide





## Problems with the load size indicator

Problem	Possible cause	Remedy
<b>The display indicates a load of &lt; 25% even though the drum is full.</b>	There was already laundry in the drum when the machine was switched on. This has decalibrated the sensor from the zero setting.	<ul style="list-style-type: none"><li>■ To recalibrate the sensor to the zero setting:<ul style="list-style-type: none"><li>– Remove the laundry from the drum and leave the door <u>open</u>.</li><li>– Switch off the washing machine.</li><li>– Switch on the washing machine.</li><li>– Select the option <i>Load sensor zero setting</i> in the <i>Settings</i> menu.</li><li>– Activate this option.</li></ul></li></ul> The zero setting will be recalibrated.
<b>The display indicates a load greater than &lt;25%, even though the drum is empty.</b>	The load size sensor has been decalibrated from the zero position.	Rotate the drum once. If it still indicates a load greater than <25%, recalibrate the sensor to the zero setting (see above).



### General problems

Problem	Possible cause	Remedy
<b>The machine shakes during the spin cycle.</b>	The machine feet are not level.	Level the machine (see "Installation").
<b>The laundry has not been spun properly and is still wet.</b>	The machine detected an imbalance during the final spin and reduced the spin speed automatically.	Include both large and small items in the load as this will give better distribution.
<b>The pump makes strange noises.</b>	This is not a fault. These noises occur at the beginning and at the end of a pump sequence as a normal part of the operation.	
<b>Noises can be heard when steam is being generated.</b>	This is not a fault. Noises result from steam being generated and during the introduction of steam.	
<b>Vapours are emitted from the detergent dispenser drawer during steam generation.</b>	This is not a fault. Depending on the size of the load and the ambient temperature, vapours may escape from the detergent dispenser drawer.	

## Problem solving guide

Problem	Possible cause	Remedy
<b>Large amounts of detergent residue remain in the detergent dispenser drawer.</b>	Automatic detergent dispensing has been activated.	When automatic detergent dispensing is selected, the compartments  and  in the detergent dispenser drawer are not rinsed out with water.
	The water pressure is too low.	<ul style="list-style-type: none"> <li>– Clean the filter in the water inlet.</li> <li>– Select <i>Water plus</i>.</li> </ul>
	Powder detergent used with water softeners can be sticky.	Clean the detergent dispenser drawer and in the future add washing powder and then add the water softener.
<b>Fabric conditioner is not completely dispensed or too much water remains in the  compartment.</b>	The siphon tube is not correctly positioned, or is clogged up.	Clean the siphon, (see "Cleaning and care - Cleaning the detergent dispenser drawer").
<b>The display is in a different language.</b>	A different language has been selected in "Settings - Language  .	Set the language you want. The flag symbol will guide you.

### The drum door cannot be opened by pressing the button

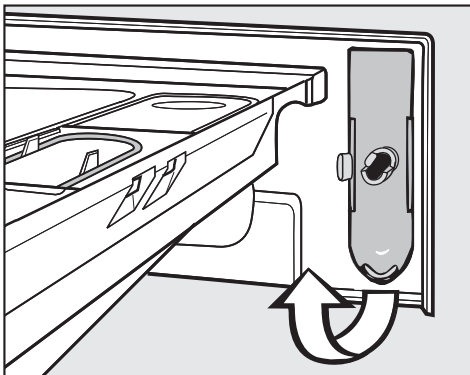
Possible cause	Remedy
<b>The machine is not connected to the electricity supply and/or is not switched on.</b>	Insert the plug in the socket and switch on and/or switch the machine on with the  button.
<b>The safety lock has been activated.</b>	Deactivate the safety lock as described in "Selecting a programme - Safety lock".
<b>Access via a code has been activated.</b>	Deactivate the code as described in the "Settings menu".
<b>Power outage</b>	Open the drum door as described in the next section.
<b>The door was not correctly engaged.</b>	Press hard against the lock side of the drum door and then press the  button.
<b>There is still water in the drum and the machine is unable to drain.</b>	Clean the drain filter and drain pump as described in the next section.
<b>Following the end of the estimated time, the door cannot be opened in the programmes <i>Steam care</i> or <i>Freshen up</i>.</b>	The programmes <i>Steam care</i> or <i>Freshen up</i> were started several times, one after the other. After using steam, the temperature in the drum is above 55°C and the door cannot be opened to protect against burning. Wait a few minutes until the temperature in the drum has dropped.
For safety reasons, the drum door cannot be opened if the suds temperature is higher than 55°C.	

## Problem solving guide

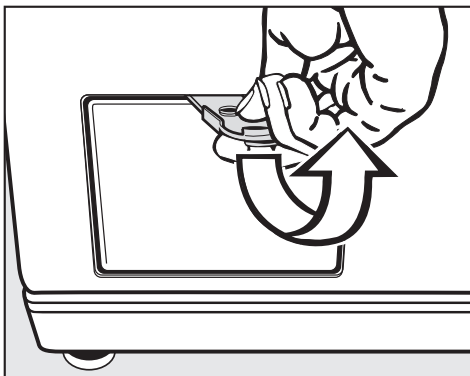
### Opening the drum door in the event of a blocked drain outlet and/or power failure

- Switch the washing machine off.

There is a filter flap opener behind the detergent drawer fascia panel.



- Remove the opener.



- Use it to open the access flap.

### Blocked drain outlet

If the drain outlet is clogged, more water will be retained in the machine (**up to 25 litres**).

⚠ Caution: If laundry has been washed at a high temperature, water draining out of the machine will still be hot. Danger of scalding!

### Procedure for draining the machine

- Place a suitable container under the access flap.

When draining water from the machine, do **not** unscrew the drain filter completely or take it right out.



- Turn the drain filter lid round until water runs out.

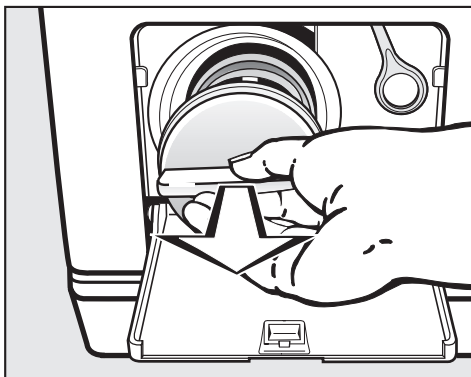
To interrupt the flow of water:

- Tighten the drain filter back up again.

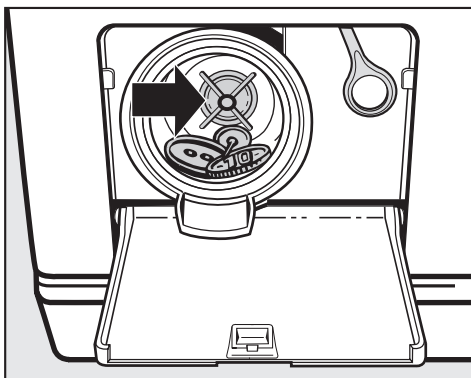


## Problem solving guide


Once the flow of water ceases:



- Remove the drain filter completely.
- Clean the drain filter thoroughly.




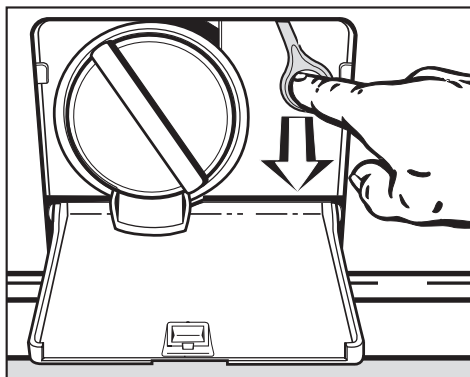
- Remove any foreign objects (e.g. buttons, coins, etc.) and fluff. Turn the impeller by hand to check that it rotates freely. Any foreign object causing an obstruction should be removed.
- Put the drain filter back in place and secure.

 Make sure the drain filter is securely tightened. Otherwise there is a risk of water leakage during use.

To activate the ball valve and prevent a loss of washing detergent, pour approx. 2 litres of water through the detergent dispenser drawer after cleaning the drain filter.

### Opening the drum door

 Always make sure that the drum is stationary before reaching into the machine to remove laundry. Reaching into a moving drum is extremely dangerous.



- Pull the emergency release downwards (see illustration). The drum door will open.

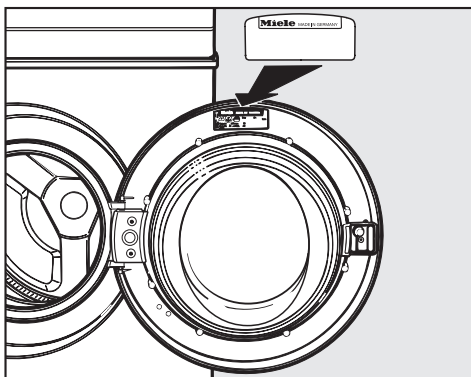
## After sales service

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In the event of any faults which you cannot remedy yourself, please contact:

- your Miele Chartered Agent or
- Miele (see back cover for contact details).

When contacting Miele, please quote the model and serial number of your appliance, both of which are shown on the data plate visible at the top inside the door above the porthole glass when the door is open.



### Future updates (PC)

The indicator light marked PC allows a service technician to update your machine in future years.

If, for example, new programmes are developed or new fabrics are introduced, a Miele service technician will be able to modify existing programme cycles accordingly.

Miele will provide information when such developments become available.

### Appliance warranty

The appliance has a manufacturer's warranty of 2 years.

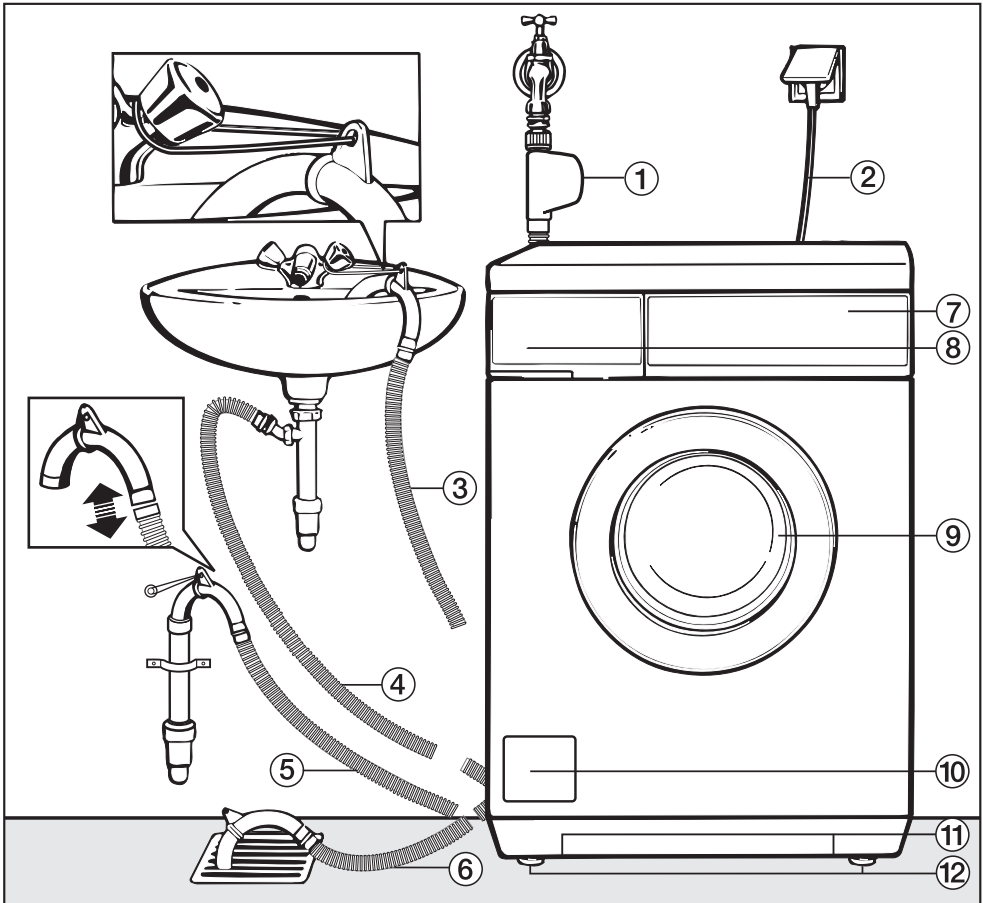
See the warranty card supplied with the machine for further details.

### Optional accessories

Optional accessories for these washing machines are available from Miele.

Please note that telephone calls may be monitored and recorded to improve our service.

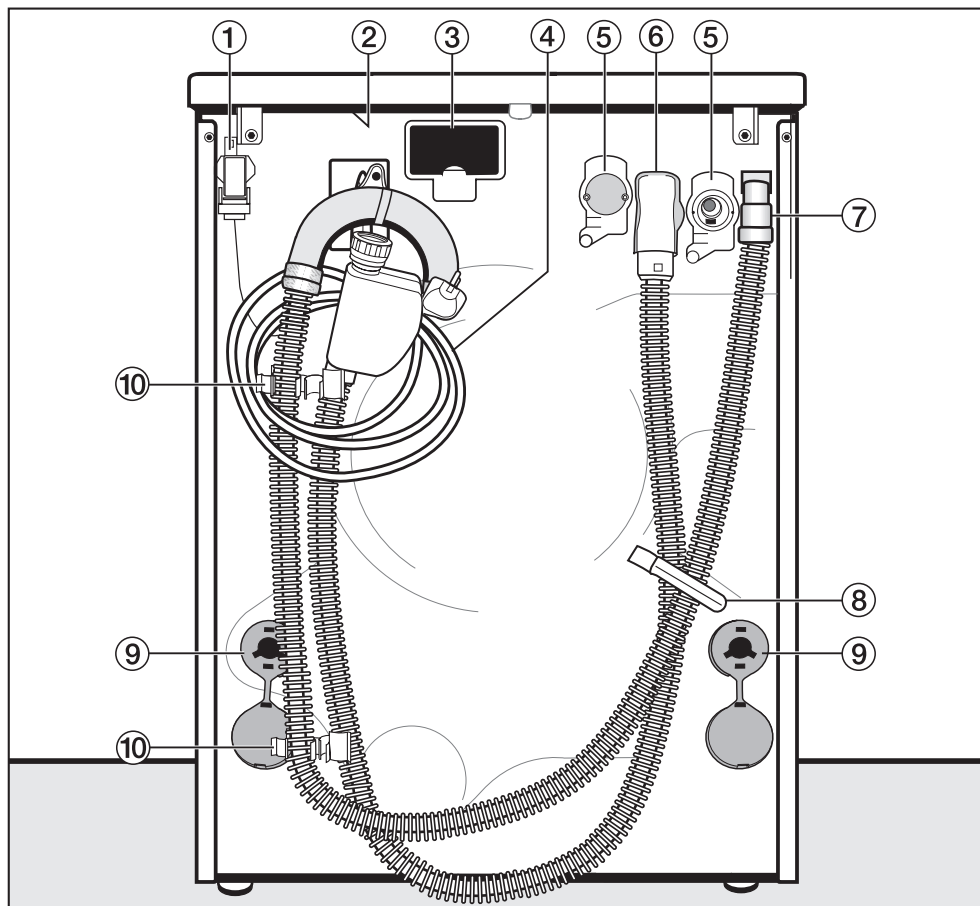
## Front view



- |  |   |
|--|---|
| ① Inlet hose with "Waterproof" system                    | ⑧ Detergent dispenser drawer                              |
| ② Electricity supply cable                               | ⑨ Drum door   |
| ③ - ⑥ Flexible drain hose (with detachable swivel elbow) | ⑩ Flap for fluff filter, drain pump and emergency release |
| ⑦ Fascia panel with controls                             | ⑪ Handle recesses for moving the machine                  |
|  | ⑫ Four height adjustable feet                             |

# Installation and connection

## Rear view



- |   |   |
|---|---|
| ① Electrical connection for the automatic detergent dispensing unit | ⑥ Inlet hose with Waterproof system   |
| ② Protruding lid for holding when moving the machine                | ⑦ Drain hose  |
| ③ Slot for Miele@home communication module                          | ⑧ Transport brackets for inlet and drain hoses  |
| ④ Electrical connection   | ⑨ Transit bar covers  |
| ⑤ Water connections for the automatic detergent dispensing unit     | ⑩ Transport brackets for inlet and drain hoses and restraining clips for transit bars |

## Installation surface

A concrete floor is the most suitable installation surface for a washing machine, being far less prone to vibration during the spin cycle than wooden floorboards or a carpeted surface.

Please note:

- The machine must be level and securely positioned.
- To avoid vibrations during spinning, the machine should not be installed on soft floor coverings.

If installing on a wooden joist floor:

- We recommend a plywood base (at least 59x52x3 cm). The base should span several joists and be bolted to the joists and not only to the floorboards. Check for the presence of pipes and cables first.

If possible, install the machine in a corner as this is usually the most stable part of the floor.

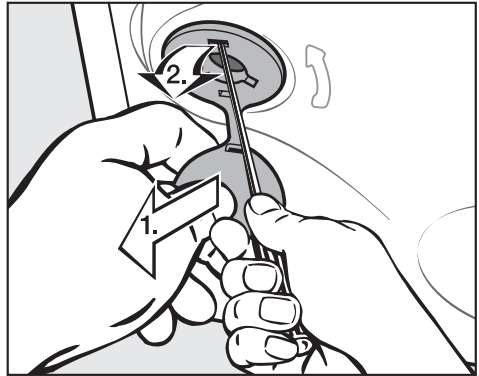
⚠ If the machine is installed on a raised plinth, it **has to be secured** against slippage during spinning using retaining clips (available from Miele).

## Installing the washing machine

To manoeuvre the machine out of its packing case to its installation site, hold it by the edge of the lid where it protrudes to the rear of the washing machine as well as by the handle recesses at the front.

⚠ Ensure that the machine feet and the floor are dry to prevent the machine from slipping during the spin cycle.

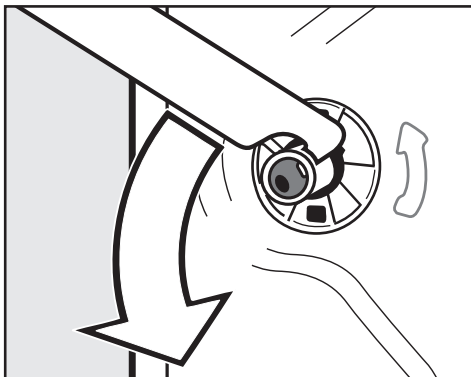
## Removing the transit bars



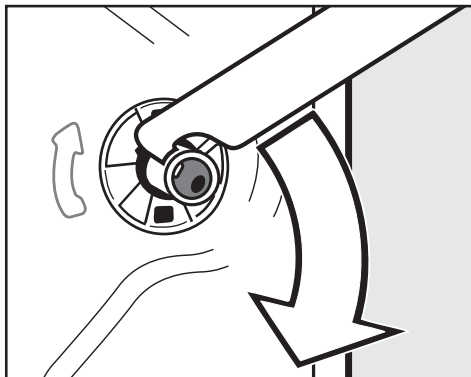
- To remove the left and right covers

1. Pull off the transit bar covers and
2. use a screwdriver to prise out the covers.

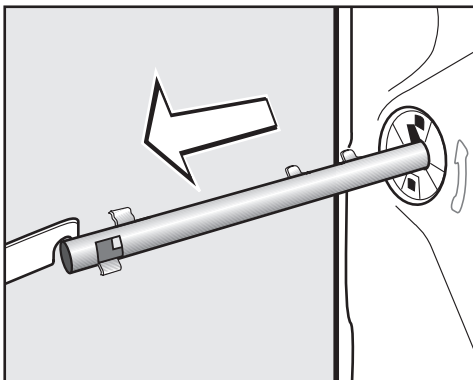
## Installation and connection



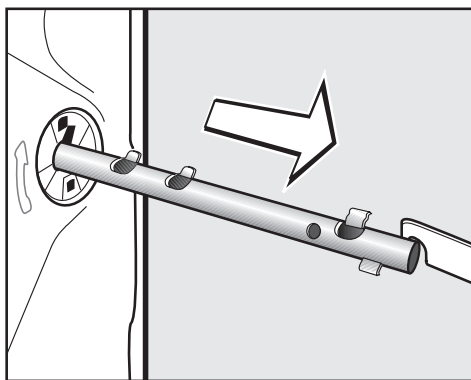
- Using the spanner supplied, turn the left-hand transit bar 90°, then



- Turn the right-hand transit bar 90°, then

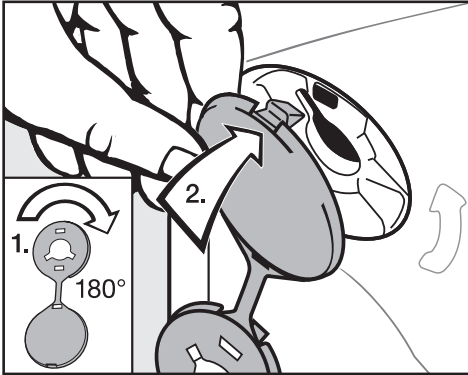


- withdraw the transit bar.

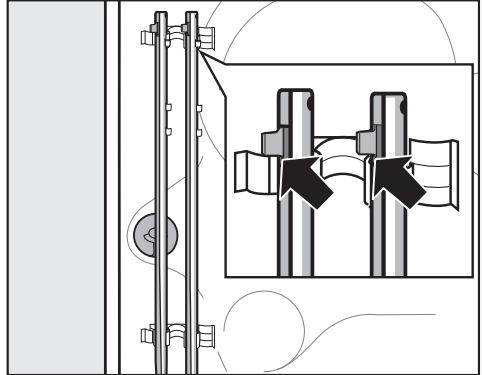


- withdraw the transit bar.

⚠ To avoid the risk of injury, the holes for the transit bars must be covered after the transit bars have been removed.



- Fit the covers onto the two holes.



- Secure the transit bars to the back of the washing machine. Make sure that the upper hooks are above the retainers.

⚠ The machine must not be moved without the transit bars in place. Store them as shown or keep them in a safe place for future use. They must be re-fitted if the machine is to be moved again (e.g. when moving house).

### Re-fitting the transit bars

Re-fitting is carried out by reversing the procedure.

# Installation and connection

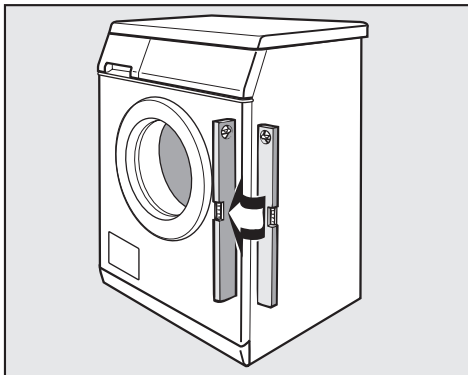
## Levelling the machine

The machine must stand perfectly level on all four feet to ensure safe and proper operation.

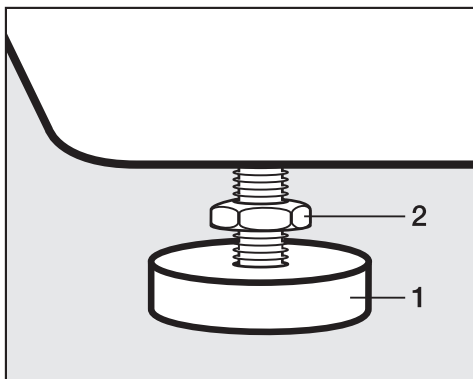
Failure to level the machine can result in the machine "banging" in the spin cycle or "walking" across the floor during operation.

## Screwing out and adjusting the feet


The four adjustable screw feet are used to level the machine. All four feet are screwed in when the machine is delivered.



- Use a spirit level to check the machine is standing level.
- Hold foot **1** securely with a pipe wrench. Turn counter nut **2** again using the spanner supplied until it sits firmly up against the housing.



- Using the spanner supplied, turn counter nut **2** in a clockwise direction. Then turn counter nut **2** together with foot **1** to unscrew.

 All four counternuts must be firmly up against the housing. Please also check this for the feet which did not need adjustment. Otherwise there is the danger of the machine moving about.



## Building under a continuous worktop / in a kitchen run

- A special building under conversion kit\* is required.  
The machine lid must be replaced by a cover plate. To ensure electrical safety, the cover plate must be fitted. \*\*

### N.B.\*\*

If you wish to push your machine under a worktop and there is space to do this **without removing the lid**, the conversion kit is not necessary. Otherwise the conversion kit is essential.

- For installation under a work surface 900/910 mm from the floor, a raising kit\* is required.
- Connections for electricity, water and drainage should be installed in such a way that they remain accessible when the machine is in place.

Fitting instructions are supplied with the conversion kit.

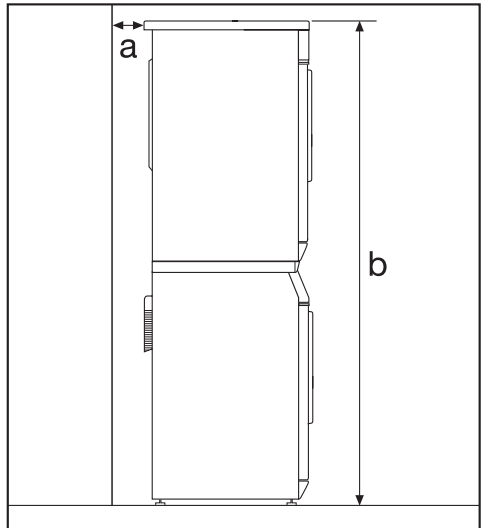
All parts marked\* are available from Miele.

The fitting of cover plates and stacking kits must only be undertaken by qualified and competent persons, in accordance with the instructions supplied with the kit.

## Washer and Dryer stack

A Miele tumble dryer can be stacked with the washing machine. A stacking kit\* is necessary and can be purchased from Miele.

### Please note



**a** Safety distance to wall:  
at least 2 cm

**b** Height:  
Stacking kit with pull-out shelf:  
approx. 169 cm  
Stacking kit without pull-out shelf:  
approx. 170 cm

⚠ A washer and dryer should never be stacked without using the proper stacking kit. Doing so is extremely dangerous as the dryer may vibrate off of the washing machine during use.

# Installation and connection

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## The Miele Waterproof system

The Miele Waterproof system protects the washing machine from water damage.

The system consists of three main components:

- 1) the inlet hose
- 2) the electronic unit and the washing machine housing
- 3) the drain hose

### 1) Inlet hose

- The inlet hose is fitted with an additional electrical safety valve which works like an automatic tap and is housed in the inlet hose connection box.
- It is pressure proof to between 7,000 and 10,000 kPa.
- The inlet hose has a protective sleeve.

Any leaking water from the inlet hose is fed into the sump through this protective sleeve. A float switches off the safety valve, preventing any more water from flowing into the machine and water in the suds container is pumped away.

## 2) Electronic unit and washing machine housing

- Sump

Any leaking water is collected in a sump in the base of the machine. A float switches off the safety valves, preventing any more water from flowing into the machine and water in the suds container is pumped away.

- Overflow protection

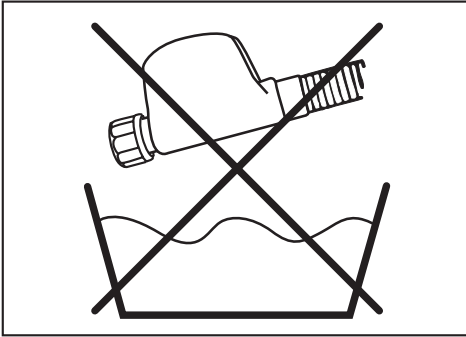
This prevents the washing machine taking in too much water. If the water level exceeds a certain level, the drain pump switches in and pumps the excess water away.

## 3) Drain hose

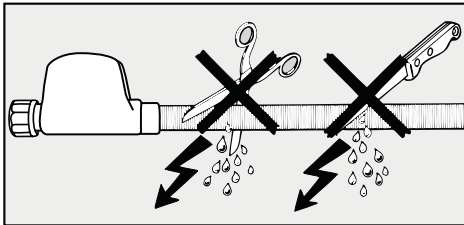
The drain hose is protected by a ventilation system which prevents the washing machine from being emptied completely.

### Connection to the water supply

The plastic casing of the safety valve contains electrical components. The Waterproof system must only be connected to its own tap. It must not be connected to mixer taps or similar and must not be fitted in areas where there is the risk of water or other liquids reaching it.



### Do not get wet.




**The protective sleeve of the hose must not be damaged or kinked.**

The machine should be connected to a mains water supply in accordance with current local and national safety regulations.

The machine is designed to operate with a flow pressure of between 100 and 1,000 kPa. If it is higher than 1,000 kPa, it is essential to fit a reducer valve.

Connection to the mains water supply should incorporate a mains **tap** with  $\frac{3}{4}$ " thread. The tap should be fitted by a qualified plumber.

 The connection point is subject to mains water pressure. Turn on the tap slowly and check for leaks. Correct the position of the washer and union if appropriate.

The washing machine is **not** suitable for connection to a hot water supply and connection to a household water softener is not recommended.

# Installation and connection

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## Maintenance and care

If you intend to unscrew the Miele Waterproof system hose from the tap, it is essential to disconnect the machine from the electricity supply first.

Only use a **Miele Waterproof system** hose should you need a replacement.

In order to protect the water inlet valve, the dirt filter in the water inlet valve connection must not be removed.

## Extension hose

A 1.5 metre long (metal) extension hose is available from your Miele Chartered Agent or Miele as an optional extra.

This hose is tested to withstand pressures of up to 14,000 kPa and can be used as a flexible extension to the water supply.

N.B. Using this hose renders the Waterproof system safety valve on the inlet hose ineffective.

This appliance incorporates backflow protection complying with ATS 5200.101. No further backflow protection is required for connection to the water supply.

## Connection to the drainage system

The machine drains via a drain pump with a delivery head of 1 metre\*. The drain hose must not be kinked as this restricts drainage. The swivel elbow at the end of the hose can be turned in either direction, or can be detached if required, with a sharp twist and pull.

If required, the drain hose can be extended to a length of 5 m. The necessary parts can be purchased from Miele.

\* For a delivery head more than 1 m (up to a max. of 1.8 m), a second duo-drain pump is available with the corresponding kit from Miele.

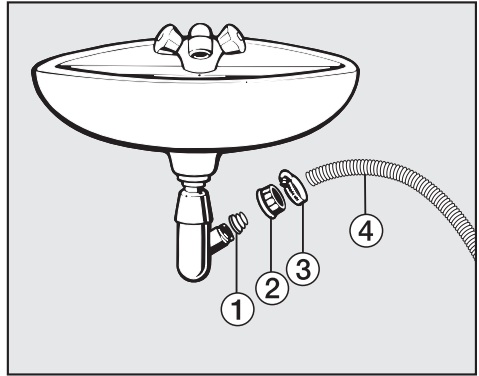
### Drain hose connection:

1. Direct into a sink or basin:

Please note the following:

- Hook the hose over the edge and secure.
  - Make sure that the water can drain away freely without hindrance. Otherwise there is a risk of water overflowing or of some of the drained water being sucked back into the machine.
2. Connected securely to a plastic drain pipe with a rubber nipple. There is no need to use a non-return valve.
  3. Connected securely to a standpipe.
  4. Connected securely to a floor gully.

Please note:



① Adapter

② Nut

③ Hose clip

④ End of the hose

■ Fit adapter ① to the sink drain outlet using nut ②.

■ Attach the end of the hose ④ to adapter ①.

■ Use a screwdriver to tighten hose clip ③ up close to the nut.

# Installation and connection

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## Electrical connection

The washing machine is supplied with a mains cable with moulded plug for connection to a 230V mains supply.

The voltage, rated load and plug rating are given on the data plate. Please ensure these match the household mains supply.

The accessibility of the plug must always be ensured in order to separate the washing machine from the mains.

All electrical work should be carried out only by a suitably qualified and competent person, in strict accordance with national and local safety regulations.

For extra safety, it is advisable to install a residual current device (RCD), with a trip current of 30 mA.

Ensure power is not supplied to the appliance until after installation work has been carried out.

Connection should be made via a suitable switching socket which is easily accessible after installation in order to separate the washing machine from the mains.

Do not connect via an extension lead. Extension leads do not guarantee the required safety of the appliance (e.g. danger of overheating).

**WARNING: THIS APPLIANCE  
MUST BE EARTHED**

Consumption data for the nominated energy labelling programme according to AS/NZS 2040.1 & AS/NZS 2040.2 Standard

	Load	Consumption data			
		Energy in kWh	Water in litres	Duration Normal Cold Water	
Cottons Eco	40°C	8.0 kg	0.54	68	3h 02 min



Notes for test institutes:

- Detergent **must** be dispensed via the detergent dispenser drawer.

Consumption data can vary from the nominal values given depending on water pressure, water hardness, water inlet temperature, room temperature, type and volume of load, fluctuations in the electricity supply and any Extra options selected.

Note: Please refer to the separate programme packages booklet for information on the Cottons Eco 40°C programme.

# Consumption data

		Load	Consumption data		
			Energy in kWh	Water in litres	Duration
Cottons	95°C	8.0 kg	2.30	64	2 h 04 min
	60°C	8.0 kg	0.91	64	1 h 44 min
	60°C	4.0 kg	0.76	47	1 h 24 min
	40°C	8.0 kg	0.85	75	2 h 23 min
	40°C	4.0 kg	0.66	47	
Minimum iron	40°C	3.5 kg	0.50	50	1 h 05 min
Delicates	30°C	2.0 kg	0.38	69	56 min
Automatic plus	40°C	5.0 kg	0.52	62	1 h 27 min
Dark garments	40°C	3.0 kg	0.58	55	1 h 15 min
Shirts	60°C	2.0 kg	0.95	59	1 h 11 min
Denim	40°C	3.0 kg	0.52	52	58 min
Express 20	40°C	3.5 kg	0.32	30	20 min
Woollens 	30°C	2.0 kg	0.23	39	39 min
Silks 	30°C	1.0 kg	0.25	39	36 min
Sportswear	40°C	3.0 kg	0.50	40	1 h 07 min
Trainers	30°C	1.5 kg	0.35	35	–
Outerwear	40°C	2.5 kg	0.45	55	1 h 02 min
Hygiene	60°C	7.0 kg	1.70	80	2 h 40 min
First wash	30°C	3.0 kg	0.25	42	1 h 00 min
Proofing	40°C	2.5 kg	0.35	12	39 min
Curtains	40°C	2.0 kg	0.45	38	52 min
Pillows	60°C	1.0 kg	0.90	44	1 h 17 min
Soft toys	30°C	1.0 kg	0.25	45	52 min

Consumption data can vary from the nominal values given depending on water pressure, water hardness, water inlet temperature, room temperature, type and volume of load, fluctuations in the electricity supply and any additional options selected.



## Technical data

Height	850 mm
Width	595 mm
Depth	615 mm
Depth with door open	993 mm
Height for building under	820 mm*
Width for building under	600 mm
Depth for building under	600 mm
Weight	98 kg
Capacity	8 kg dry laundry
Voltage	See data plate
Rated load	See data plate
Fuse rating	See data plate
Consumption data	see "Consumption data"
Water flow pressure minimum	100 kPa (1 bar)
Water flow pressure maximum	1000 kPa (10 bar)
Inlet hose length	1.60 m
Drain hose length	1.50 m
Connection cable length	1.60 m
Drain pump head max.	1.00 m
Drain pump length max.	5.00 m
LEDs	Class 1
Test certificates awarded	See data plate

\* Including building under kit. See "Installation and connection".

## Settings menu 🚩

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The Settings menu is used to alter the washing machine's electronics to suit changing requirements. Settings can be altered at any time.

### To open the Settings menu

- Select *Settings* 🚩.

### Selecting settings

- Press the sensors to select the setting you want.

### Language 🚩

The display can be set to appear in one of several different languages.

To select the language you want, go to the *Languages* **Start** sub-menu.

The flag after the word *Language* acts as a guide to prevent a language which will not be understood from being set.

### Detergent type / amount

For determining which washing detergent is located in the containers of the automatic dispensing unit.

For more information, see "Automatic dispensing".

## Time

The time of day can be shown in 24-hour or 12-hour format. The time displayed can also be corrected here.

### Clock format

You can set the required clock format here.

The 24-hour format is set as a default setting.

### Set the time of day

The time displayed can also be corrected here.

## Gentle action

Activating Gentle action reduces the drum action and is suitable for washing slightly soiled items more gently.

Gentle action can be activated for the *Cottons* and the *Minimum iron* programmes.

The machine is delivered with Gentle action set to *Off*.

## Longer pre-wash for Cottons

The pre-wash for the *Cottons* programme can be extended by 6, 9 or 12 minutes.

The default setting for the pre-wash is 25 minutes.

If you require a longer pre-wash, this can be extended.

An additional pre-wash time is not selected in the default settings.

## Suds cooling

When this is activated, additional water flows into the drum at the end of the main wash to cool the suds down. Hot suds can damage plastic drainage pipes.

Suds cooling takes place when a *Cottons* programme with a temperature of 70°C or higher is selected.

Suds cooling should be activated:

- to prevent the danger of scalding if the drain hose is hooked over the edge of a sink or basin.
- where the drainage pipes do not comply with DIN 1986.

The machine is delivered with Suds cooling set to *Off*.

## Code

The code prevents your machine being used without your knowledge.

When the code has been activated, you have to enter a code after switching the washing machine on. Otherwise the washing machine cannot be operated.

### To activate the code

You are asked to enter a code. The code is **125** and cannot be altered.

- Press **+** to enter the first number.
- Confirm with **OK** before moving to the next number. Repeat the process until all three numbers have been entered.
- After the last number has been entered, you must confirm the code with **OK**.

### To use the washing machine when the code is activated

When the machine is switched on again, the display will request the lock code.

- Enter the code **125** by pressing the **+** and **-** sensors.
- The washing machine is now unlocked and ready for use.

### To deactivate the code

- Proceed as before with activating the code.

You can now use the washing machine without being asked to enter the code.

# Settings menu

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## Temperature unit

You can choose for the temperature to be displayed in °C/*Celsius* or °F/*Fahrenheit*.

The machine is delivered with °C/*Celsius* as the default setting.

## Buzzer

When the buzzer function has been activated, an audible tone sounds at the end of a programme or when Rinse hold is reached.

There are three different options:

### Off

(the machine is delivered with this option selected as standard)

The buzzer is switched off but sounds at maximum volume if there is a fault.

### Normal

The buzzer sounds at the end of a programme or when Rinse hold is reached.

### Loud

The buzzer sounds more loudly at the end of a programme or when Rinse hold is reached.

## Keypad tone

An audible tone sounds each time a sensor is pressed.

The machine is delivered with the keypad tone set to *Off*.

## Brightness

There are seven different display brightness settings.

The machine is delivered with the display brightness on Setting 4.

This brightness will change as each different setting is chosen.

## Contrast

There are seven different display contrast settings.

The bar display shows you the setting.

The machine is delivered with the display contrast on Setting 3.

The contrast will change as each different setting is chosen.

## Display / Keypad illumination

The display and sensor lighting switches off automatically to save energy.

### Off after 10 minutes

The display and sensor lighting will go out 10 minutes after the start of a programme. Pressing a sensor will switch the display and sensor lighting back on again.

### "On" whilst programme is running

(the machine is delivered with this option selected as standard)

The display and the sensors remain switched on during the course of the programme.

## Memory

If an Extra has been selected for a programme, or the recommended temperature or spin speed has been altered, the machine will store the changes in memory at the start of a programme.

When this programme is chosen again, these settings will appear in the display.

The function is not active when Favourite programmes are selected.

The machine is delivered with the memory function set to *Off*.

## Anti-crease

Anti-crease helps prevent creasing if the laundry is not normally removed immediately after the end of a programme.

The drum will continue to rotate for up to 30 minutes after the end of the programme. The washing machine door can be opened at any time.

The machine is delivered with the Anti-crease option set to *Off*.

## Load sensor zero setting

If the load sensor displays incorrect values, the zero setting needs to be reset.

When setting the load sensor to zero, the following must be done:

1. The drum must be empty.
2. The door is open.
3. Rotate the drum once by hand.
4. Reset to the zero setting.

## Close the Settings menu.

Press the <C sensor repeatedly until you return to the main menu.

## Optional accessories

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Miele washing machines offer perfect care for your laundry and feature a wide range of special programmes designed to suit the fabric being washed. And now Miele have developed a range of specialist CareCollection detergents and conditioning products to offer you a complete package for cleaning and caring for your laundry.

The Miele CareCollection detergents and conditioning products are listed below. You can order these and many other useful products via the internet at:



All the products can also be ordered from Miele (see back cover for contact details).

## CareCollection

### Miele specialist detergents

#### Fabric softener

Miele's fabric softener will give your laundry a fresh, natural fragrance. It makes garments soft to handle and prevents static build-up during tumble drying.

#### For delicates

This liquid detergent is ideal for the gentle treatment of delicate fabrics, such as wool and silk. Its special formulation cleans effectively at temperatures as low as 20°C, while protecting the colour of your delicate garments.

#### UltraWhite

This multi-purpose powder detergent has excellent stain removal properties and is suitable for white and light coloured laundry as well as heavily soiled coloured items.

#### Sensitive skin

Miele's sensitive skin laundry detergent has been specifically tested and formulated for consumers with sensitive skin and allergies. This detergent is powerful and deep cleaning for optimal stain removal, even at 40°C, leaving your laundry with a fresh, mild fragrance.

### **UltraColor**

Available in a liquid and powder form, this detergent is particularly suitable for cleaning coloured and dark garments. The special formulation offers effective stain removal, even at low temperatures, while helping to prevent colours fading.

### **Sportswear**

The Miele sportswear detergent is designed to clean sportswear whilst taking care of the special microfibres used in these garments. It will help to neutralise and remove odours whilst protecting the colour of the fabric and preventing static build-up.

### **Down Items**

This special-purpose detergent contains a mild tenside and has been specially formulated to keep down-filled items supple and to give them bounce.



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